

Impact of COVID-19 on Bioherbicides Market: Segmented by:application (Grains & Cereals, Oil & Seeds, Fruits & Vegetables, Turf & Ornament); by end use (seed treatment, soil application, foliar, and post- harvest); , And Region – Global Analysis Of Market Size, Share & Trends For 2019–2020 And Forecasts To 2031

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Abstracts

[176 + Pages Research Report] Bioherbicides Market to surpass USD 2.2 billion by 2031 from USD 1.43 billion in 2021 at a CAGR of 13.8% in the coming years, i.e., 2021-31

Product Overview

Compounds generated from microbes such as bacteria, protozoa, and fungi are known as bioherbicides. These types of substances are safe to eat, are less toxic, and have no detrimental effects on farmers throughout the handling process. Because of these advantages, businesses are concentrating their efforts on manufacturing organic products. Bioherbicides are thought to be safer because they do not leave poisonous remains on crops. Growing demand for organic foods, as well as increased awareness of environmental concerns about chemical pesticides, have been important drivers of market expansion in recent years. Manufacturers' continual product innovation and new product releases have produced new market opportunities.

Market Highlights

Global Bioherbicides market is expected to project a notable CAGR of 13.8% in 2031.

Global Bioherbicides to surpass USD 2.2 billion by 2031 from USD 1.43 billion in 2021

at a CAGR of 13.8% in the coming years, i.e., 2021-31. Synthetic herbicide sales have been on the wane in recent years due to evidence that they kill beneficial flora in the soil. Additionally, these chemicals have been associated with an increased risk of cancer, birth abnormalities, and respiratory issues. As a result, numerous countries' governments have enacted severe rules and public awareness campaigns to encourage organic farming. This has resulted in an increase in the global production of bioherbicides.

Global Bioherbicides Market: Segments

Fruits & Vegetable segment to grow with the highest CAGR during 2021-31

Global Bioherbicides Market is fragmented by application into Grains & Cereals, Oil & Seeds, Fruits & Vegetables, Turf & Ornament. Because bioherbicides are widely used in the cultivation of fruits and vegetables, they have emerged as the main application sector in the bioherbicides market. The rising demand for fruits and vegetables, combined with the growing popularity of organic farming, is expected to drive the segment's expansion. Turf and ornamental grass was identified as the fastest-growing application segment, with a CAGR of 16 percent expected over the forecast years. Bioherbicides are frequently utilized in the business sector to eliminate weeds from along railway tracks.

A foliar segment to grow with the highest CAGR during 2021-31

Global Bioherbicides market is segmented by end-use into seed treatment, soil application, foliar, and post-harvest. The growing demand to reduce carbon emissions has created a great potential for fuel cell-powered vehicles, which is expected to expand the market for fuel cell technology.

Market Dynamics

Drivers

Government control

Synthetic herbicide sales have been on the wane in recent years due to evidence that they kill beneficial flora in the soil. Additionally, these chemicals have been associated with an increased risk of cancer, birth abnormalities, and respiratory issues. As a result, numerous countries' governments have enacted severe rules and public awareness campaigns to encourage organic farming. This has resulted in an increase in the global production of bioherbicides.

Advancement in R&D

Advances in genetic engineering have permitted the production of new-generation bioherbicides that are more powerful against weeds. Aside from that, the increasing growth of the food and beverage industry has fueled demand for higher-quality bioherbicides. The global bioherbicides market is expected to increase rapidly between 2021 and 2031, according to Fatpos global.

Restraint

Low shelf life

The bioherbicides market is being held back by the product's short shelf life and limited availability. Moreover, lack of awareness is another major reason restraining the growth of the bioherbicides market.

Global Bioherbicides Market: Key Players

Emery Oleochemicals (Malaysia)

Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis

Deer Creek Holdings (US)

Verdesian Life Sciences, LLC (US)

Marrone Bio Innovations Inc. (US)

Certified Organics Australia Pty Ltd (Australia)

EcoPesticides International, Inc. (US)

Bioherbicides Australia Pty Ltd. (Australia)

Hindustan Biotech (India)

Special Biochem Pvt. Ltd. (India).

Other Prominent Players

Global Bioherbicides: Regions

Global Bioherbicides market is segmented based on regional analysis into five major regions: North America, Latin America, Europe, Asia Pacific, and the Middle East and Africa. North America accounted for XX percent of the market in 2021, and the region is expected to grow at a CAGR of XX percent over the next decade. This expansion is fueled by a favorable view on environmental issues and organic farming. Initiatives to raise consumer awareness about the environment and health, especially in the United States and Canada, are expected to play a vital role in the region's development. In 2021, Asia Pacific was the fastest-growing region, accounting for XX% of the total

market share. It is expected to grow even more as people become more conscious of the dangers of synthetic items to the environment. Growing demand for bioherbicides in SAARC countries as a result of rural development would propel the area forward.

Impact of Covid-19 on Bioherbicides Market

The growth of the bioherbicides market has been hampered by the coronavirus outbreak. Industries are shutting down around the world, and individuals are trapped in their homes as a result of the lockdown. Farmers suffered significant losses as a result of supply chain disruption. Farmers were harmed by late agricultural product delivery, which impeded the growth of the bioherbicides sector. According to the Agricultural and Processed Food Products Export Development Authority (APEDA), India's fruit and vegetable exports fell by 16.61 percent between April 2019 and January 2020, reaching \$1.01 billion, down from \$1.26 billion the previous year.

Global Bioherbicides Market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – the United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia and Rest of APAC

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa and Rest of MENA

Global Bioherbicides report also contains analysis on:

Bioherbicides Market Segments :

By application

Grains & Cereals

Oil & Seeds

Fruits & Vegetables

Turf & Ornament

By End use

seed treatment

soil application

foliar

post-harvest

Bioherbicides Dynamics

Bioherbicides Size

Supply & Demand

Current Trends/Issues/Challenges

Competition & Companies Involved in the Market

Value Chain of the Market

Market Drivers and Restraints

Bioherbicides Market Report Scope and Segmentation

Report Attribute Details

The market size value in 2021 USD 1.43 billion

The revenue forecast in 2031 USD 2.2billion

Growth Rate CAGR of 13.8% from 2021 to 2031

Base year for estimation 2020

Quantitative units Revenue in USD million and CAGR from 2021 to 2030

Report coverage Revenue forecast, company ranking, competitive landscape, growth factors, and trends

Segments covered Type, End-use, application and Region

Regional scope North America, Europe, Asia Pacific, Latin America, Middle East & Africa (MEA)

Key companies profiled Emery Oleochemicals (Malaysia), Deer Creek Holdings (US), Verdesian Life Sciences, LLC (US), Marrone Bio Innovations Inc. (US), Certified Organics Australia Pty Ltd (Australia), EcoPesticides International, Inc. (US), Bioherbicides Australia Pty Ltd. (Australia), Hindustan Bio-tech (India), and Special Biochem Pvt. Ltd. (India), and Other Prominent Players

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**The above given segmentations and companies could be subjected to further modification based on in-depth feasibility studies conducted for the final deliverable.

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