

# Global Bioherbicides - Market and Technology forecast to 2028

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## Abstracts

Bioherbicides are used to control the growth of weed by means of green technology and they are composed of microbial phytotoxins. The active ingredient used in bioherbicides are living microorganisms. Synthetic herbicides have high toxicity because of which it very often kills useful crops as well. Restrictions imposed on the use of agrochemicals owing to the environmental and health hazards posed by them has been one of the key drivers for the growth of organic farming. Bioherbicides are comprised of secondary metabolites and compounds that are generally obtained from conventional sources which hereby aid weed control through natural mechanisms.

Conservation of environment and evolution of green technology are some of the factors that support the growth of this market. Bioherbicides are highly selective, i.e. they kill only target weeds and do not cause harm to other useful crops. They are composed of naturally occurring substances, therefore the manufacturing cost incurred is very less as compared to synthetic herbicides.

The increasing demand for residue-free organic crops has promoted the growth of this market. Moreover, governments have been promoting the use of organically grown crops because of its health benefits and to meet crop export standards which provides this market a further boost. Although, bioherbicides have a low shelf life. It has a lower prevalence time as compared to synthetic pesticides, hence having a negative impact on market growth. The increased R&D in this sector has been one of the key opportunities that the bioherbicides market provides although its limited use is a challenge yet to be overcome by technology innovators.

This report covers all the key drivers, restraints, and challenges of the bioherbicides sector and the end-user applications of the same. To gain a better perspective of the

market under study, the report is segmented as Application, Source, and by Region.

The global market for Bioherbicides is projected to reach a value of USD 2 Billion by the year 2028 from a value of USD 5 Billion for the year 2020. The market is expected to grow with a CAGR of 17% during the forecast period.

Based on global regions, APAC dominates the global market for bioherbicides, it has a market share with a value of more than one-third of the global market revenue. Developing countries are rapidly shifting from conventional farming methods to organic methods given government regulations that restrict the use of agrochemicals. Moreover, due to the increasing population in this segment, crop cultivation takes place on a wide scale hereby supporting the growth of the bioherbicides market. Additionally, the increasing disposable income of the general middle class also favour the market growth. North America and Europe are other prominent players in this market.

Scope:

The study period of the report titled, "The Global Bioherbicides-Market and Technology forecast to 2028" ranges from 2018-2028, and the forecast period for this market ranges from 2020-2028. This report is segmented based on Application, Source, and by Region

This report is aimed at:

Insights concerning the drivers, restraints, and challenges and their effects on the global market have been provided in this report.

Upcoming technologies and their impact on the market growth have been discussed

The strategies employed by the key players of this field have been studied thoroughly in this report.

Porter's Five Forces and PESTLE Analysis are used to provide a strategic analysis of the data.

A comprehensive mapping of the competitive landscape for this market has been provided.

The high growth markets have been studied in the opportunities chapter of this report.

Segmentation covered in this report

The market is segmented based on Application/End-User, Source and by Region.

By Source:

Microbial

Biochemical

Others

By formulation:

Granular

Liquid

Others (pellets, dust, and powder form)

By Region

North America

Europe

Asia Pacific

Latin America

Rest of the World (RoW)

By Crop type:

Agricultural

Non-Agricultural

By application

Cereals and Grains

Oilseeds and pulses

Fruits and Vegetables

Turf and Ornamentals

By Mode of Action:

Mode of Action Involving Photosynthesis

Mode of Action Targeting Enzymes

Others

Country Analysis:

United States

Canada

France

Germany

Spain

Portugal

Denmark

Netherlands

Sweden

Finland

United Kingdom

Switzerland

Italy

Japan

Israel

Turkey

Australia

China

Malaysia

Brazil

Reasons to buy:

The drivers, restraints, and challenges of this market have been discussed which can be of help to potential players wanting to know the impacts of the DRCs of the market growth.

Insights concerning the comprehensive mapping of the key players and the strategies employed by them have been mentioned in this report, this can help

the design strategies of their own.

Financial Institutes can use this report to strategize funding and investments concerning the market hot-spots.

Government and private organizations can use this report to explore the high growth markets.

Who is this report for?

Technology Innovators: Can use this report to understand the market demand for their products and accordingly deliver agricultural solutions.

Governments, Associations, and Industrial Bodies: Can use this report to understand the grey areas of the existing market and strategies that could help them improve their market condition.

Investors and Trade Experts: Can use this report to identify research that shows potential and develop funding strategies for the same.

Sales sectors: Can use this report to understand the demand for this product to make efficient sales.

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