

Biological Seed Treatment Market by Type (Microbials and Botanicals), Crop (Corn, Wheat, Soybean, Cotton, Sunflower, and Vegetable Crops), Function (Seed Protection and Seed Enhancement), and Region - Global Forecast to 2025

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Abstracts

The biological seed treatment market is projected to reach USD 1.7 billion by 2025, from USD 0.9 billion in 2020, at a CAGR of 11.9%. The global biological seed treatment market is driven by factors such as providing an insurance to better crop yields, along with a reduction in the risk of exceeding the Maximum Residue Levels (MRLs). Low level of awareness about the benefits of biological seed treatment among farmers across the globe is a major restraint in this market.

“Corn segment is projected to account for the largest market share in the biological seed treatment market during the forecast period.”

The demand for biological seed treatment in corn has been witnessing substantial growth in the European and American regions, due to the significant requirement of corn as animal protein and ethanol in the feed and automobile industries, respectively. Thus, the corn segment accounted for the major share in the biological seed treatment market.

“Microbials segment is projected to be the fastest-growing segment, by type, in the biological seed treatment market

Microbial seed treatment includes bacterial and fungal seed treatment. Seeds treatment provides an efficient mechanism for the placement of microbial inoculum in the soil environment, where they are appropriately positioned to colonize the seedling & roots

and protect them against soil-borne diseases and pests. Thus, the microbials segment is projected to grow at the highest rate during the forecast period.

The North America market is estimated to account for the largest market share due to the supportive government regulations in the region.

North America was the largest biological seed treatment market in 2020. The streamlined guidelines, procedures, and effective feedback adopted by North American agrochemical regulatory agencies have been supportive of the product registration process as compared to Europe. North America was followed by the European market in 2020 which has also witnessed a strong adoption trend of these products.

The breakdown of the primaries on the basis of company, designation, and region conducted during the research study, is as follows:

By Company type: Tier 1 – 60%, Tier 2 –30%, and Tier 3 – 10%

By Designation: CXOs – 40%, Managers – 30%, Executives* – 30%

By Region: North America – 20%, Europe – 30%, Asia Pacific – 35%, RoW -15%

*Others include sales managers, marketing managers, and product managers.

Note: Tier 1: Revenue \geq USD 1 billion; Tier 2: USD 100 million to USD 1 billion; Tier 3: Revenue =

Leading players profiled in this report

BASF SE (Germany),

Bayer AG (Germany),

Novozymes A/S (Denmark),

Syngenta Group (Switzerland),

Corteva Agriscience (US),

UPL Ltd (India)

Koppert Biological Systems (Netherlands)

Precision Laboratories, LLC (US)

Italpollina (Italy)

Rhizobacter (Argentina),

Valent BioSciences (US)

Verdesian Lifesciences (US),

Plant Health Care (US),

Bioworks (US),

Certis Europe (US),

Advanced Biological Marketing (US)

Kan Biosys (India)

Incotec (Netherlands)

Marrone Bio Innovation (US)

IPL Biologicals (India)

Research Coverage

This report segments the biological seed treatment market on the basis of type, crop, function and region. In terms of insights, this research report focuses on various levels of analyses—competitive landscape, end-use analysis, and company profiles—which together comprise and discuss the basic views on the emerging & high-growth segments of the seed treatment market, the high-growth regions, countries, government initiatives, market disruption, drivers, restraints, opportunities, and challenges.

Reasons to buy this report

To get a comprehensive overview of the biological seed treatmentmarket

To gain wide-ranging information about the top players in this industry, their product portfolios, and key strategies adopted by them

To gain insights about the major countries/regions, in which the biological seed treatmentmarket is flourishing

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About

The report “Biological Seed Treatment Market by Type (Microbial & Botanicals), Crop Type (Cereals & Grains, Oilseeds, & Pulses, Fruit & Vegetables) & Region - Global Trends & Forecast to 2019” defines and segments the global market with analyses and projections of the size of the market.

The biological seed treatment market is estimated to be worth \$304.32 million in 2014, and is projected to reach \$560.98 million by 2019, at a CAGR of 13.0%.

Major players in the biological seed treatment market are

BASF SE

Bayer CropScience AG

Monsanto

Valent Biosciences Corporation

Syngenta AG

The microbial seed treatment segment accounted for the largest share and was followed by the botanicals segment, in 2013. All segmented types of biological treatments are essential for crop growth, yield enhancement, and to kill a variety of pests. In 2013, North America accounted for the largest share of the microbials segment. In the same year, Europe contributed the second-largest share.

On the basis of type, the biological seed treatment market has been segmented as follows:

Microbials

Botanicals

On the basis crop type, the biological seed treatment market has been segmented as follows:

Cereals & grains

Oilseeds & Pulses

Fruits & vegetables

Other crop types (turf, forage, plantation, and ornamental crops)

On the basis of region, the biological seed treatment market has been segmented as follows:

- North America
- Europe
- Asia-Pacific
- Latin America
- Rest of the World (RoW)

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