

Seed Treatment Market: Segmented By Application Time (Pre-treated, Farm-treated); By Type (Chemical seed treatment, Seed Protection and Seed Enhancement) and Region – Global Analysis of Market Size, Share & Trends for 2019–2020 and Forecasts to 2030

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Abstracts

[179+ Pages Research Report] Global Seed Treatment Market to surpass USD 17.8 billion by 2030 from USD 5.3 billion in 2020 at a CAGR of 9.87 % in the coming years, i.e., 2021-30.

Product Overview

The use of biological, physical, and chemical agents to enhance crop health during planting includes seed treatment. It helps manage pathogens and diseases transmitted by soil and crop. Furthermore, it increases crop production, decreases germination time, and improves efficiency overall. The most famous seed treatment insecticides on the market today are neonicotinoids. The most popular neonicotinoid used to fight aphids is imidacloprid, as aphids are a carrier of viral conditions. It also works against mosquitoes, flea-beetle, Hessian fly, leaf-hopper, and more. As compared with traditional spraying, seed treatment has been shown to be a cost-effective and labor-intensive cultivation safety solution.

Market Highlights

Global Seed Treatment Market is expected to project a notable CAGR of 9.87 % in 2030.

Different new product innovations were introduced to the market over the next 5 years as the R&D activities for seed treatments increased. Seed processing products

manufacturers produce novel combinations of these products that can be highly valuable both qualitatively and quantitatively for the production of crops. These variations of chemical biological and biological components can, in accordance with the crop and soil conditions, be marketed and delivered to farmers on a customized basis. Manufacturers including Bayer and Syngenta have developed bio-seed treatments based on crop cultivation conditions

Global Seed Treatment Market: Segments

Chemical seed treatment segment to grow with the highest CAGR during 2020-30
Global Seed Treatment market is segmented by type into chemical seed treatment, Seed Protection, and Seed Enhancement. Due to their efficacy, availability, and easier techniques of application, chemical seed treatment has increased farmers' choice. Research demonstrates that the most economical way of protecting seeds against pests and improving seed quality is to treat one or more pesticides. In the formulation of chemical combinations for seed processing companies, pesticide manufacturers helped. In North America this rapid increase is due to public subsidies, raising the need to boost and preserve food production and growing awareness about seed care.

Pre-treated segment to grow with the highest CAGR during 2020-30

Global Seed Treatment is divided by application time into Pre-treated, Farm-treated. Pre-treated seed treatment involves a chemical or biological application by seed companies of the formulation. The seeds are processed with chemical products such as thiram (fungicide) before they are sold to farmers in the initial stage of expansion to safeguard the seeds against seed-borne and soil disease (STD). The modern seed treatment products today fulfill high standards of protection and performance. New active ingredients and formulations provide an extended, wide range of systems for disease management and insect management. It is economical and has increased efficiency in the control of various pesticides.

Market Dynamics

Drivers

As a protection for seed investment

In terms of product growth in seed coating, the seed treatment market has been significantly successful and the early planting process has achieved productivity. Nowadays, these seed treatment products not only aim to safeguard the crops but also to increase crop yields in turn. Initial seed treatment had mainly a basic role in controlling certain soil pathogens that affect seed production. Moreover, advances in the treatment of seeds which have a large range of insect, disease, and nematodes, with a combination of insecticides, fungicide, have contributed with different formulation and

active ingredients.

Recent developments and innovations

Different new product innovations were introduced to the market over the next 5 years as the R&D activities for seed treatments increased. Seed processing products manufacturers produce novel combinations of these products that can be highly valuable both qualitatively and quantitatively for the production of crops. These variations of chemical biological and biological components can, in accordance with the crop and soil conditions, be marketed and delivered to farmers on a customized basis. Manufacturers including Bayer and Syngenta have developed bio-seed treatments based on crop cultivation conditions

Restraint

Reduce shelf life

Semiconducting treatments will protect seeds and seedlings during plant formation and development against low-moderate attacks on insects. While safety time may be shortened, a reduction in crop damage and plague may be reduced. The seed germination and vigor decrease relative, especially in seeds such as soya-bean, because of the limitable shelf life of treated seeds. The physical and chemical properties of their composition influence the survival of the microbes. It can be difficult to maintain the viability of seed-coated microbes, thereby reducing their shelf life.

Global Seed Treatment Market: Key Players

Nufarm

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

BASF SE

Bayer AG

Novozymes A/S

Syngenta AG

Corteva Agriscience

FMC Corporation

Adama Ltd

Croda International

UPL Ltd

Germaines Seed Technology

Other Prominent Players

Global Seed Treatment Market: Regions

Global Seed Treatment market is segmented based on regional analysis into five major regions. These include North America, Latin America, Europe, Asia Pacific, and the Middle East, and Africa. Global Seed Treatment in North America held the largest market share of XX.X% in the year 2020. Due to the increasing demand from the agricultural industry, it is anticipated to maintain its market position over the projected timeframe. Due to continued innovations in the agricultural sector and increased customer awareness, the Asia-Pacific market was forecast to exhibit an XX.X% percent CAGR between 2020 and 2030. In the forecast period, this will continue to drive the demand.

Global Seed Treatment is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – 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 Seed Treatment Market report also contains analysis on:

Seed Treatment Segments:

By Application Time

Pre-treated

Farm-treated

By Type

chemical seed treatment

Seed Protection

Seed Enhancement

Seed Treatment Market Dynamics

Seed Treatment Market Size

Supply & Demand

Current Trends/Issues/Challenges

Competition & Companies Involved in the Market

Value Chain of the Market

Market Drivers and Restraints

Seed Treatment Market Report Scope and Segmentation

Frequently Asked Questions

How big is the Seed Treatment market?

What is the Seed Treatment market growth?

Which segment accounted for the largest Seed Treatment market share?

Who are the key players in the Seed Treatment market?

What are the factors driving the Seed Treatment market?

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12. OTHER PROMINENT PLAYERS

Consultant Recommendation

**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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