

Seed Treatment Market Size, Share & Trends Analysis Report By Type (Insecticides, Fungicides), By Crop (Corn, Wheat, Soybean), By Region (North America, Asia Pacific), And Segment Forecasts, 2023 - 2030

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Abstracts

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Seed Treatment Market Growth & Trends

The global seed treatment market size is estimated to reach USD 26.84 billion by 2030, registering CAGR of 9.46% during the forecast period, according to a new report by Grand View Research, Inc. The growth can be attributed to growing need for the pesticides in high-value crops and vegetable & fruit production.

Asia Pacific was estimated to have the highest revenue share of 32.0%. The growth can be attributed to the increasing high-value crop plantations in the region for the purpose of trade and rising organic farming practices for the better quality of food products in the developed economies. The use of biopesticides and non-chemicals prevents any residue of the hazardous chemicals from the seed treatment activities using synthetic pesticides, from reaching the grains and crops. Developed economies such as the U.S. and various countries of Europe, generally prefer residue free organic based crops, fruits and vegetables

The agriculture industry in Asia Pacific is expected to witness substantial growth in the coming years owing to the presence of fertile arable land and continuous demand from an increasing population in the countries such as China, India, Vietnam, and Japan. The augmented focus on increasing agricultural product output is also due to the increasing population within the region and the superior quality of the agricultural products

demanded by the growing middle class within the region.

There is also an increasing demand for bio-based fungicides and insecticides seed treatment activities, for higher crop yield and reducing soil-borne diseases, this can be attributed to the rising trend for organic fruits & vegetable consumption in Asia Pacific region. According to the Asian Development Banks, Asia Pacific produces 32.0% of the high-value crops of the total agricultural production.

The rise in the production and the sales of high-quality products can be attributed to the increasing purchasing power of the consumers and the growing population in the Asia Pacific. This factor is expected to contribute to the requirement for the pesticides, insecticides, chemical and non-chemical seed treatment activities over the forecast period, thereby leading to the growth of the seed treatment market.

North America is another key region contributing to the market growth due to the growing demand for high-value crop production in the region. It is estimated to reach USD 4,861.4 Million by 2030, registering a CAGR of 9.64% in the predicted years. The rising need for high-quality and quantity residue-free food is expected to positively influence the market, thus, driving the demand for seed treatment in the region during the forecast period. Some top biopesticides and insecticide manufacturers in North America, such as Corteva Agriscience, American Vanguard Corporation, and FMC Corporation, produce pesticides in large quantities which are anticipated to excel the demand for seed treatment in the region during the coming years.

The seed treatment market is competitive and fragmented with the presence of several regional and domestic players along with the presence of several major players. These players have strong distribution networks worldwide in the market ecosystem. Another major factor influencing the growth of the market is the increasing preference for the bio pesticides and non-chemicals owing to the rising demand for high-value crops and fruits & vegetable products for the consumption.

Recently there is an increasing trend for using bio-based alternatives for increasing soil health and reducing soil-borne diseases in the market. The growing global population and the ongoing urbanization and industrialization in emerging economies, coupled with the rising middle class in countries such as India, and China have led different countries across the world to promote superior agricultural practices this has led to the rising demand.

Seed Treatment Market Report Highlights

Insecticides segment dominated the overall market, as they are widely used for harmful insects and pest reduction in soil and root regions of the plants. The insecticides are used for soil health and root prevention among others, which is majorly used in advanced manufacturing practices. It was valued at USD 4,406.1 million in 2022 and is estimated to reach USD 8,670.4 million by 2030, registering a CAGR of 8.4% during the forecast years

Asia Pacific dominated the market due to increasing demand for the superior quality of agricultural products in the region with high demand from food & beverages manufacturing companies

Various companies within North America and the Asia Pacific are coming up with biobased and non-chemical alternatives to offer sustainable seed treatment products for organic agricultural practices. This strategy is expected to attract more customers and investors who are seeking more green method solutions

The spread of COVID-19 has not affected much due to increasing consumption of the fruits & vegetables, by the consumers having high fever, caused due to the spread of COVID-19, which fuelled the growth of biopesticides market across the world

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