

Seed Treatment Market Size to Hit USD 30.76 Billion by 2032, Driven by Rising Food Demand

Global Seed Treatment Market size is expected to reach USD 30.76 Bn by 2032, from USD 16.09 Bn in 2025, exhibiting CAGR of 9.7% during forecast period 2025-2032

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EINPresswire.com/ -- Global [Seed Treatment Market](#) size is expected to reach USD 30.76 Bn by 2032, from USD 16.09 Bn in 2025, exhibiting a compound annual growth rate (CAGR) of 9.7% during the forecast period (2025-2032). The seed-treatment market is being driven by rising global food demand and the urgent need to boost agricultural productivity through advanced seed technologies. However, it is challenged by stringent regulations and growing environmental concerns over chemical usage. On the flip side, fresh opportunities are emerging from the development of bio-based treatments and smarter seed-coating technologies. Leading agrochemical companies such as Syngenta, Bayer, BASF, Corteva, and FMC are investing heavily in R&D and forming strategic partnerships to capitalize on these trends.

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Global Seed Treatment Market Key Takeaways

According to Coherent Market Insights (CMI), the global seed treatment market size is projected to grow at a CAGR of 9.7% during the forecast period, reaching USD 30.76 Bn by 2032, up from USD 16.09 Bn in 2025.


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Seed Treatment Market Share

Based on treatment, insecticides segment is expected to account for 53.5% of the global seed treatment market share in 2025.

In terms of crop type, corn/maize category is forecast to dominate the global seed treatment industry during the assessment period.

Asia Pacific, with an estimated share of 39% in 2025, is projected to remain at the top of the ladder in the seed treatment market.

Europe is expected to remain the second-largest market for seed treatment, capturing 27% of the global market share by 2025.

Growing Food Demand Globally Fueling Market Growth

Coherent Market Insights' latest seed treatment market analysis outlines major factors spurring the industry's growth. One such prominent growth driver is the rising demand for food products globally.

As the world population (estimated to reach about 9.7 billion by 2050) and incomes continue to rise, there is a growing need to boost agricultural productivity. This is where seed treatments step in, helping farmers to improve crop yields and support food security.

Seed treatments enhance germination rates, improve seedling vigor, and protect crops against pests and diseases. Their rising adoption in agriculture industry to reduce the risk of diseases and enhance overall crop productivity is expected to boost market growth.

High Costs and Limiting Affordability Hampering Seed Treatment Market Growth

The prospective seed treatment market outlook appears optimistic, owing to rising global food demand. However, high costs and limited affordability might limit market growth to some extent during the assessment period.

Advanced seed treatments, especially those involving genetically modified (GM) seeds, are often very expensive. This high cost makes it hard for small farmers, particularly in developing countries, to use these technologies, potentially slowing down overall seed treatment market demand.

Ongoing Advancements in Seed Treatment Creating Lucrative Growth Opportunities

Innovations in formulation technology, seed coating, encapsulation, and precision agriculture are enhancing the effectiveness as well as expanding the applications of seed treatments. These advancements make seed treatments more attractive to growers who aim to improve crop

productivity and minimize disease risks. As a result, such technological progress is expected to generate significant growth opportunities for seed treatment companies during the forthcoming period.

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Emerging Seed Treatment Market Trends

The rising use of high-value seeds, such as genetically modified (GM) and hybrid seeds, is increasing the demand for seed treatments. Because these seeds cost more, proper seed treatments are important to protect them from pests and diseases and to ensure good germination and best performance.

Growing popularity of biological seed treatments is expected to boost market growth. Farmers and businesses are shifting their preference from chemical to bio-based seed treatments due to rising demand for organic farming solutions and implementation of strict regulations on synthetic pesticide usage.

Rise of sustainable agriculture is supporting expansion of the seed treatment industry. Sustainable farming practices are popularity due to initiatives like the EU's Farm to Fork Strategy. Seed treatments help reduce excessive pesticide use, aligning well with sustainability goals.

There is also a shift towards using seed treatments alongside integrated pest management strategies to minimize environmental impact and enhance crop protection efficiency. This trend is expected to boost the overall seed treatment market value during the forthcoming period.

Competitor Insights

Key companies listed in seed treatment market research report:

Bayer CropScience AG
Syngenta
Monsanto, BASF
Dow Agro Sciences
Advanta India Ltd.
DuPont, Nufarm Ltd.
Chemtura Agro Solutions
Sumitomo Chemical Co. Ltd.
Chemtura Agro Solutions
Key Developments

In August 2025, Loam Bio launched FurrowMate, a new seed treatment product at the AgQuip

Field Days in Australia. The device applies biological seed treatments directly into the planting furrow, saving growers time and avoiding messy manual seed treatments.

In July 2025, Bayer added a new product called Yoalo to its SeedGrowth range. This seed treatment is designed for corn and helps crops grow better early on by improving nutrient absorption, strengthening roots, and increasing resistance to stressful growing conditions.

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Alice Mutum is a seasoned senior content editor at Coherent Market Insights, leveraging extensive expertise gained from her previous role as a content writer. With seven years in content development, Alice masterfully employs SEO best practices and cutting-edge digital marketing strategies to craft high-ranking, impactful content. As an editor, she meticulously ensures flawless grammar and punctuation, precise data accuracy, and perfect alignment with audience needs in every research report. Alice's dedication to excellence and her strategic approach to content make her an invaluable asset in the world of market insights.

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