

Post-harvest Treatment Market Size, Share & Trends Analysis Report By Type, By Crop Type (Fruits & Vegetables, Flowers & Ornamentals, Other Crop Types), By Origin (Natural, Synthetic), By Region, And Segment Forecasts, 2024 - 2030

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Abstracts

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Post-harvest Treatment Market Growth & Trends

The global post-harvest treatment market size is anticipated to reach USD 3.09 billion by 2030, expanding at a CAGR of 7.3% from 2024 to 2030, according to a new report by Grand View Research, Inc. The industry is experiencing growth due to an increasing need to curb massive losses of fruits, vegetables, and other perishable goods after harvest.

Post-harvest treatments offer a robust solution by significantly extending the shelf life of these products. This translates to fresher produce reaching consumers for extended periods while reducing spoilage and waste throughout the supply chain. A growing shift towards organic produce drives innovation in natural post-harvest treatments. This means developing new methods that are effective without relying on harsh chemicals.

Asia Pacific is the dominant region for market as it is a major producer of fruits, vegetables, and other perishable goods. Unfortunately, it also experiences significant post-harvest losses due to limited cold storage infrastructure and long transportation distances. Countries like China and India have booming populations, leading to an increased demand for fresh produce with a longer shelf life.

Post-harvest Treatment Market Report Highlights

Based on type, the coatings segment dominated the global market with a revenue share of over 31.3% in 2023

The fruits & vegetables segment is expected to grow at a significant rate on account of its ability to keep fruits and vegetables fresh and high-quality for as long as possible.

Natural origin is expected to grow at the fastest rate as it offers a way to extend shelf life and maintain quality without using artificial preservatives.

Asia Pacific accounted for a revenue share of over 41.8% in 2023 and is attributed to the increasing number of government initiatives in R&D programs for the improvement of safety and efficacy of agrochemicals.

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