

Global Post-harvest Treatment Market Size Study, by Type (Coatings, Ethylene Blockers, Cleaners, Fungicides, Sprout Inhibitors, Sanitizers), by Crop Type (Fruits, Vegetables, and Flowers & Ornamentals), by Origin (Natural and Synthetic), and Regional Forecasts 2022-2032

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Abstracts

The Global Post-harvest Treatment Market, valued at approximately USD 2.16 billion in 2023, is projected to grow at a robust CAGR of 7.60% over the forecast period 2024-2032. Post-harvest treatment solutions are integral to the agricultural industry, enhancing the shelf life, quality, and marketability of produce such as fruits, vegetables, and flowers. These treatments are pivotal in reducing post-harvest losses, maintaining freshness, and ensuring food security while adhering to strict quality standards.

The market's expansion is fueled by increasing global demand for fresh produce and the growing emphasis on minimizing waste across supply chains. Key innovations such as advanced coatings and ethylene blockers are addressing critical challenges in perishability and spoilage. Furthermore, the rising adoption of natural-origin treatments underscores a shift towards sustainable agricultural practices, aligning with consumer preferences for eco-friendly products. However, challenges such as fluctuating raw material costs and regulatory complexities pose potential hurdles to growth. Industry stakeholders are countering these challenges by investing in research and development to create cost-effective and compliant solutions.

Regionally, North America dominates the post-harvest treatment market due to advanced agricultural infrastructure, high awareness among producers, and the adoption of cutting-edge technologies. Europe follows closely, driven by stringent

regulatory frameworks and a focus on sustainable practices. The Asia-Pacific region is poised for the fastest growth, fueled by rapid urbanization, a burgeoning middle-class population, and significant investments in agricultural modernization in countries such as India and China. Emerging markets in Latin America and the Middle East & Africa are also witnessing increased demand for post-harvest solutions as agricultural sectors in these regions evolve.

Major market players included in this report are:

BASF SE

Bayer AG

Syngenta AG

FMC Corporation

UPL Limited

Adama Ltd.

AgroFresh Solutions, Inc.

Nufarm Limited

Corteva Agriscience

Decco Worldwide Post-Harvest Holdings

Janssen PMP

Sensitech Inc.

Valent BioSciences

BioWorks, Inc.

AgroFresh Technologies, Inc.

The detailed segments and sub-segment of the market are explained below:

By Type:

Coatings

Ethylene Blockers

Cleaners

Fungicides

Sprout Inhibitors

Sanitizers

By Crop Type:

Fruits

Vegetables

Flowers & Ornamentals

By Origin:

Natural

Synthetic

By Region:

North America:

U.S.

Canada

Europe:

UK

Germany

France

Spain

Italy

Rest of Europe

Asia-Pacific:

China

India

Japan

Australia

South Korea

Rest of Asia-Pacific

Latin America:

Brazil

Mexico

Rest of Latin America

Middle East & Africa:

Saudi Arabia

South Africa

Rest of Middle East & Africa

Years considered for the study are as follows:

Historical Year: 2022

Base Year: 2023

Forecast Period: 2024 to 2032

Key Takeaways:

Comprehensive market estimates and forecasts spanning a decade (2022-2032).

Regional and country-specific insights to highlight emerging opportunities.

Competitive landscape analysis, including key players' strategies and market positioning.

Strategic recommendations for stakeholders to maximize market potential.

In-depth analysis of market dynamics, innovations, and regulatory impacts shaping the industry.

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