

United States Fungicide Market Size Analysis Report - Market Share, Forecast Trends and Outlook (2025-2034)

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Report description:

The United States fungicide market size reached around USD 1.34 Billion in 2024. The market is projected to grow at a CAGR of 3.00% between 2025 and 2034 to reach nearly USD 1.80 Billion by 2034.

United States Fungicide Market Growth

In 2023, the agriculture, food, and associated sectors contributed approximately USD 1.530 trillion to the U.S. GDP, equating to a total share of 5.6%. Of this total, the output from American farms accounted for USD 203.5 billion, which is about 0.7% of the overall U.S. GDP. The increasing application of fungicides is closely associated with the growth of the agricultural sector, as the rising global demand for food encourages farmers to optimise crop yields. As agricultural land expands, especially in areas such as the United States, the incidence of crop diseases tends to increase, leading to a heightened dependence on fungicides for effective disease management. Furthermore, intensive farming methods and the production of high-value crops intensify the necessity for reliable fungicide applications to ensure robust crop yields and protect against potential losses from fungal infections. These factors have accelerated United States fungicide market expansion.

In the Americas, the application of pesticides in agriculture rose by 10%, increasing from 1.71 million tons in 2021 to 1.89 million tons in 2022. Fungicides, a specific category of pesticides, play a crucial role in agriculture by safeguarding crops against fungal diseases that can significantly diminish both yield and quality. Furthermore, they bolster food security by ensuring a consistent supply of high-quality agricultural products. The strategic use of fungicides also aligns with sustainable farming practices by reducing the necessity for extensive land utilisation, thereby enhancing overall agricultural efficiency.

Key Trends and Developments

Increasing demand for food security, expansion of agricultural activities, and adoption of technological advancements are major

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trends impacting the growth of the United States fungicide market

Aug 2023

Corteva Agriscience expanded its fungicide portfolio in the United States with the introduction of Viatude fungicide. This innovative solution was designed to assist farmers in the northern soybean-producing states of the U.S. in safeguarding their soybean crops against white mould disease.

May 2023

BASF, a European multinational corporation, and the foremost chemical manufacturer globally, launched Revylok Soybean Fungicide, specifically designed to combat high disease pressure. This product has also received registration from the U.S. Environmental Protection Agency (EPA).

Nov 2021

BASF's Cevya fungicide was granted approval for use in California. It provides effective control of various diseases, including powdery mildew, Phomopsis, Alternaria leaf spot, shothole, rust, brown rot, and scab. Since the approval, growers of grapes, tree fruits, pome fruits, and stone fruits in the state are using it.

Increasing Demand for Food Security

The expanding global population has heightened the need for food production, resulting in a greater dependence on fungicides. In the United States, farmers are prioritising the optimisation of crop yield and quality to secure food availability, with fungicides being essential for safeguarding crops against fungal diseases, thus improving overall productivity.

Expansion of Agricultural Activities

The United States possesses extensive agricultural land and ranks among the leading producers of various crops, including corn, soybeans, wheat, and fruits. The growth of agricultural operations and large-scale farming methods generates fungicide demand in United States to protect against diseases that can considerably diminish yields.

Advancements in Product Formulations

The fungicide sector in the United States is experiencing progress in both product formulations and application methods. Innovative fungicides that offer improved effectiveness, superior environmental safety characteristics, and enhanced resistance management capabilities are drawing the interest of farmers. Additionally, the rise of biological fungicides is becoming increasingly favoured as a more sustainable and environmentally friendly option.

Government Support and Policies

The United States government provides support to the agricultural sector through a range of policies and subsidies designed to enhance productivity and secure the food supply. Furthermore, regulatory agencies such as the Environmental Protection Agency (EPA) actively oversee the application of fungicides, advocating for the use of safer and more effective alternatives. This regulatory framework fosters United States fungicide market development. Development Heading 5: Shift Towards Organic Farming Development Description 5: The growing demand for bio-based and organic fungicides is being driven by a combination of sustainability concerns and evolving regulatory frameworks. As consumers and various sectors alike become more aware of the

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environmental impact of traditional chemical fungicides, there is a noticeable shift towards more sustainable agricultural practices.

United States Fungicide Market Trends

The growing recognition of environmental sustainability, coupled with more stringent regulations, is driving the demand for organic and bio-based fungicides, thereby decreasing dependence on chemical alternatives. Advances in precision agriculture and drone technology are enhancing the methods of fungicide application, resulting in greater efficiency, and reduced environmental consequences. Additionally, climate change and erratic weather conditions have heightened the incidence of crop diseases, prompting a rise in fungicide usage to safeguard yields, especially in essential crops such as fruits, vegetables, and cereals.

United States Fungicide Industry Segmentation

The EMR's report titled "United States Fungicide Market Report and Forecast 2025-2034" offers a detailed analysis of the market based on the following segments:

Market Breakup by Application Mode:

- Foliar Spray
- Seed Treatment
- Soil Treatment
- Others

Market Breakup by Crop Type:

- Fruits and Vegetables
- Grains and Cereals
- Pulses and Oilseeds
- Others

Market Breakup by Country:

- New England
- Mideast
- Great Lakes
- Plains
- Southeast
- Southwest
- Rocky Mountain
- Far West

United States Fungicide Market Share

Based on the crop type, the market is segmented into fruits and vegetables, grains and cereals, and pulses and oilseeds, among others. The fruits and vegetables segment is projected to grow at a CAGR of 3.8% during the forecast period of 2025-2034. Fungicides are chemical or biological agents which helps to prevent, control, or eliminate fungal infections that can adversely affect fruits and vegetables. These substances play a crucial role in modern agriculture, as they help safeguard crops from a

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variety of fungal diseases that can lead to significant damage, reduced yields, and economic losses for farmers.

Leading Companies in the United States Fungicide Market

Major players are focusing on the production of more efficient and sustainable fungicide to gain a competitive edge in the market.

BASF SE

BASF SE was founded in 1865 and is headquartered in Ludwigshafen, Germany. It is the largest chemical producer in the world and operates in over 80 countries. BASF's diverse business segments include chemicals, materials, industrial solutions, surface technologies, nutrition & care, and agricultural solutions.

Bayer AG

Bayer AG was established in 1863 and is headquartered in Leverkusen, Germany. This leading global life sciences company focuses primarily on pharmaceuticals, consumer health, and crop science. Bayer is known for its research-driven approach to healthcare and agriculture.

Corteva Agriscience

Corteva Agriscience was founded in 2019 as a standalone entity following the merger of Dow AgroSciences and DuPont's agriculture division. Headquartered in Delaware, United States, Corteva specialises in advanced seed technologies and crop protection solutions.

Nufarm Ltd

Nufarm Ltd was established in 1981 and is headquartered in Victoria, Australia. It is an agricultural chemicals company that provides crop protection products such as herbicides, insecticides, and fungicides. While primarily operating in the Asia-Pacific region, Nufarm has expanded its presence globally.

Other players in the market are Syngenta Crop Protection AG, UPL Ltd., Sumitomo Chemical Co. Ltd., FMC Corporation, American Vanguard Corporation, and ADAMA Agricultural Solutions Limited, among others.

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