

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

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Report description:

The North America fungicide market size reached around USD 1.54 Billion in 2024. The market is projected to grow at a CAGR of 3.10% between 2025 and 2034 to reach nearly USD 2.09 Billion by 2034.

North America Fungicide Market Growth

The United States agriculture encompasses 300 distinct commodities, with a nearly balanced distribution between crop and livestock products. The agricultural sector in the United States generates over USD 300 billion annually from these commodities. Weeds are responsible for the most significant losses in global crop production, accounting for 34%, followed by insects at 18% and diseases at 16%. Thus, the impact of weeds, insects, and diseases on agricultural production in the United States is substantial. Moreover, region's climate characterised by warmer temperatures, increased moisture, and elevated carbon dioxide levels are likely to enhance the prevalence of weeds, pests, and fungi, leading to North America fungicide market expansion.

Fungicides are also becoming increasingly essential in agriculture, as they play a crucial role in safeguarding crops from fungal diseases that can severely impact yields and diminish quality. As the demand for food has escalated, fungicides have assisted farmers in sustaining high productivity, particularly for high-value crops such as fruits and vegetables. Moreover, as per the North America fungicide market analysis, the agricultural and food sectors in the United States play a crucial role in fostering economic growth by generating USD 2 trillion in annual revenue and USD 130 billion in profit for over 2.6 million enterprises. The growth of agriculture is significantly increasing the demand for fungicides, as the expansion of crop areas necessitates efficient disease management strategies.

Key Trends and Developments

An increase in agricultural product demand, rising fluctuations in weather, and increasing production of sustainable and bio-based

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fungicides are favourably impacting the North America fungicide market revenue

Jan 2024

ADAMA Agricultural Solutions Canada Ltd. launched MAXENTIS, an innovative fungicide that integrates two active components to offer Canadian farmers a comprehensive, enduring solution for combating severe crop diseases.

Jan 2023

Bayer partnered with Oerth Bio to enhance innovations in crop protection. Oerth's distinctive PROTAC protein degradation technology represents a groundbreaking advancement in the development of more sustainable crop protection solutions.

Nov 2022

Bayer introduced a new fungicide under the Luna brand, specifically Luna Flex, to apples, tomatoes, and fruits producers in the eastern United States. The product also aids in the management of challenging diseases such as scab, melanosis, powdery mildew, and gummy stem blight.

Nov 2022

FMC introduced Adastrio fungicide, which is designed to deliver comprehensive control of significant foliar diseases. Such developments in the North America fungicide market safeguards yield potential up to the time of harvest.

Increasing Agricultural Demand for Enhanced Crop Production

In response to the escalating need for food, agricultural producers are prioritising the enhancement of crop production. The application of fungicides is crucial in safeguarding crops from fungal infections that can severely diminish yield, thereby serving as a vital resource for both essential and premium fruits and vegetable crops.

Effects of Climate Change and Weather Fluctuations

The phenomenon of climate change has resulted in erratic weather conditions, characterised by heightened humidity, and elevated temperatures. Consequently, farmers are increasingly reliant on fungicides to shield their crops and avert potential declines in yield, boosting the North America fungicide market value.

Progress in Sustainable and Bio-based Fungicides

The demand for environmentally friendly fungicides is on the rise, driven by regulatory requirements and consumer inclinations towards sustainable agricultural practices. Bio-based fungicides present a safer and more eco-conscious alternative to traditional synthetic chemicals, appealing to both organic and conventional farming sectors.

Growing Recognition of Integrated Pest Management (IPM)

Within the framework of comprehensive IPM strategies, farmers are integrating fungicides with various pest control techniques to effectively combat fungal diseases. This method reduces environmental repercussions while ensuring the health and productivity of crops. This trend has aided in North America fungicide market development.

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North America Fungicide Market Trends

There is a growing demand for bio-based fungicides driven by heightened environmental awareness and regulatory requirements. Both farmers and consumers are pursuing sustainable agricultural practices, which has spurred the development of organic and environmentally friendly fungicides. These alternatives are less detrimental to the ecosystem and are suitable for organic farming.

Additionally, technological advancements in precision agriculture, including the use of drones, sensors, and satellite imagery, are enhancing the accuracy and efficiency of fungicide applications. Such innovations help to minimise waste, reduce costs, and provide improved crop protection by specifically targeting affected areas, thereby reducing environmental repercussions, and consequently shaping the North America fungicide market outlook.

The adoption of these technologies is becoming increasingly prevalent, especially among larger agricultural operations. High-value crops, such as fruits and vegetables, are particularly vulnerable to fungal diseases, which can severely affect both quality and yield. As the demand for these crops rises, so does the necessity for effective fungicide solutions. Farmers are also making investments in fungicides to optimise yields and uphold high standards of crop quality, particularly in regions that prioritise agricultural exports.

North America Fungicide Industry Segmentation

The EMR's report titled "North America 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:

- United States of America
- Canada

North America Fungicide Market Share

Based on crop type, the market is segmented into fruits and vegetables, grains and cereals, and pulses and oilseeds, among others. Over the forecast period, fruits and vegetables are anticipated to grow at a CAGR of 4.0%. Fungicides play a vital role in the cultivation of fruits and vegetables by protecting crops from fungal infections that may adversely affect both quality and yield. Their application helps to avert spoilage, resulting in fresher produce with an extended shelf life, which is essential for satisfying

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market and consumer requirements.

Leading Companies in the North America Fungicide Market

Major players are focusing on the production of sustainable and chemical free fungicides to gain a competitive edge in the North America fungicide market share.

Sumitomo Chemical Co., Ltd.

Sumitomo Chemical was founded in 1913 and is based in Tokyo, Japan. The company specialises in a diverse array of agricultural products, such as fungicides, herbicides, and insecticides, with a commitment to sustainable crop protection practices.

FMC Corporation

FMC Corporation was founded in 1883 and is based in Pennsylvania, United States. It is a leading American chemical firm that delivers crop protection solutions, including fungicides, insecticides, and herbicides, to meet the agricultural demands of farmers worldwide.

American Vanguard Corporation

American Vanguard Corporation was established in the year 1969 and is headquartered in California, United States. The firm provides crop protection and pest management solutions, emphasising sustainable agricultural practices.

ADAMA Agricultural Solutions Limited

ADAMA was founded in 1945 and is situated in Ashdod, Israel. It offers herbicides, insecticides, and fungicides and is dedicated to serving farmers around the globe. It also prioritises simplicity, cost-effectiveness, and sustainable farming methodologies.

Other major players in the market are BASF SE, Bayer AG, Corteva Agriscience, Nufarm Ltd., Syngenta Crop Protection AG, and UPL Ltd, among others.

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