

# **Global Fungicides Market Size Study, by Type (Chemical, Biological), by Mode of Action (Contact, Systemic), by Formulation (Liquid, Dry), by Mode of Application (Foliar Spray, Seed Treatment, Soil Treatment), by Crop Type, and Regional Forecasts 2022-2032**

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## **Abstracts**

The Global Fungicides Market, valued at approximately USD 22.5 billion in 2023, is projected to witness substantial growth, reaching a market size of USD 38.66 billion by 2032 with a compound annual growth rate (CAGR) of 6.20% during the forecast period from 2024 to 2032. Fungicides, essential components in modern agriculture, play a pivotal role in protecting crops from fungal diseases, ensuring enhanced productivity and food security. These solutions, available in chemical and biological formulations, cater to diverse farming needs across different crop types and application modes.

The market is experiencing accelerated growth driven by the escalating demand for high-yield crops amidst the global population surge and decreasing arable land. Moreover, the advancements in systemic fungicides, which provide internal protection to plants, are gaining traction among large-scale agricultural operations. The integration of biological fungicides, aligning with the rising emphasis on sustainable farming practices, further propels market dynamics. Additionally, technological advancements in fungicide delivery systems, such as foliar sprays and seed treatments, are improving efficiency and reducing wastage.

Challenges persist, including the environmental concerns associated with chemical fungicides and the high costs of developing advanced biological alternatives. However, these issues are gradually being mitigated through innovations focused on eco-friendly

formulations and targeted application technologies. Supportive government policies promoting sustainable agricultural practices and increasing farmer awareness about crop protection solutions are also fostering market expansion. Emerging economies present significant opportunities, with their rapid adoption of modern farming practices to meet rising food demand.

Regional dynamics highlight North America as a key player, benefiting from well-established agricultural infrastructure and early adoption of innovative fungicide solutions. Europe follows closely, driven by stringent environmental regulations and a strong inclination toward biological crop protection methods. The Asia-Pacific region is expected to exhibit the fastest growth, attributed to increasing agricultural activities, rising awareness about crop protection, and government initiatives supporting sustainable farming practices in countries such as India, China, and Indonesia.

Major market players included in this report are:

BASF SE

Bayer AG

Syngenta AG

FMC Corporation

Corteva Agriscience

ADAMA Agricultural Solutions Ltd.

UPL Limited

Nippon Soda Co., Ltd.

Sumitomo Chemical Co., Ltd.

Isagro S.p.A

Marrone Bio Innovations, Inc.

Certis USA L.L.C.

American Vanguard Corporation

BioWorks, Inc.

Koppert Biological Systems

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

By Type:

Chemical

Biological

By Mode of Action:

Contact

Systemic

By Formulation:

Liquid

Dry

By Mode of Application:

Foliar Spray

Seed Treatment

Soil Treatment

By Crop Type:

Cereals & Grains

Fruits & Vegetables

Oilseeds & Pulses

Others

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

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:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional-level analysis for each market segment.

Detailed analysis of geographical landscape with country-level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approaches.

Analysis of competitive structure of the market.

Demand-side and supply-side analysis of the market.

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