

# **Mancozeb Market Forecasts to 2034 – Global Analysis By Type (Mancozeb, Zineb, Maneb and Other Types), Form (Liquid and Solid), Mode of Application, Distribution Channel, Application and By Geography**

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## **Abstracts**

According to Statistics MRC, the Global Mancozeb Market is accounted for \$2.2 billion in 2026 and is expected to reach \$3.7 billion by 2034 growing at a CAGR of 6.4% during the forecast period. Mancozeb is a widely used fungicide belonging to the ethylene bisdithiocarbamate (EBDC) group. It acts as a protective fungicide and is effective against various fungal diseases in crops. Its versatility lies in its ability to control a broad spectrum of fungal pathogens, including blights, mildews, rusts, and other diseases that commonly affect fruits, vegetables, and field crops. It has been a key component in integrated disease management programs and has been used in conventional and organic farming practices to control fungal diseases, contributing to crop protection and enhancing agricultural yields.

According to the Food and Agriculture Organization (FAO) the global use of rice for feed in 2013 was 33.6 million mt and that feed use has been growing by 0.5 million mt per year since 2003, an average growth rate of 1.7 percent.

### **Market Dynamics:**

#### **Driver:**

Rising prevalence of fungal infections

Fungal diseases, including blights, mildews, and rusts, afflict a wide array of crops, threatening yield quantity and quality. Mancozeb's effectiveness against diverse fungal

pathogens positions it as a reliable fungicide choice for farmers. Its broad-spectrum action targets multiple fungal species, offering a versatile solution for disease management. Moreover, with fungal infections causing substantial economic losses and crop damage globally, the need for consistent and potent fungicidal solutions like mancozeb remains high, driving its demand and market growth.

**Restraint:**

Increasing demand for eco-friendly substitutes

As consumers and agricultural practices shift towards sustainable and organic solutions, the demand for alternatives that offer effective disease control while minimising environmental impact rises. Biopesticides, biofungicides, and other eco-friendly options perceived as safer and environmentally conscious alternatives create competition for traditional chemical fungicides like mancozeb. The market's challenge lies in balancing the efficacy of conventional products with the growing preference for sustainable agricultural practices, impacting the market share and adoption of mancozeb.

**Opportunity:**

Increasing demand for food security

As the global population grows, the pressure to sustain adequate food production rises. Mancozeb, being a versatile and effective fungicide, offers a reliable solution to combat fungal diseases that threaten crop yield and quality. By safeguarding crops from blights, mildews, rusts, and other fungal infections, mancozeb plays a crucial role in preserving crop health and ensuring productivity. As a result, its utilisation supports the objective of meeting escalating food demands, maintaining a consistent and stable food supply, and enhancing agricultural productivity.

**Threat:**

Concerns regarding potential health risks

Although mancozeb is regarded as being very low in toxicity to humans, prolonged or excessive exposure to it may cause concerns about its potential health effects. Mancozeb's usage and confidence may decline as a result of public scrutiny over pesticide residues and their possible health effects, which could have an impact on market demand. Heightened awareness and regulatory pressures regarding health-

related implications necessitate stringent handling protocols and risk mitigation strategies for pesticide use, impacting the acceptance and market positioning of mancozeb amidst health-related concerns.

### Covid-19 Impact

The COVID-19 pandemic caused lockdowns, travel restrictions, and business closures that had a negative impact on the economies and industries of many different nations worldwide. Supply chains, production operations, delivery schedules, and sales of both necessary and non-essential products were all disrupted by the crisis. These disruptions restricted the availability of mancozeb. It caused delays in production and increased costs, negatively impacting the overall supply of mancozeb. However, as nations progressively recover from the pandemic and immunisation campaigns continue, manufacturing activity is picking up. Manufacturers are allowed to function at maximum efficiency in order to close the supply deficit.

The foliar spray segment is expected to be the largest during the forecast period

The foliar spray segment is estimated to hold the largest share. The foliar spray effectively targets and controls various fungal diseases affecting the leaves, stems, and fruits of crops. Mancozeb's protective action forms a barrier on the plant's surface, inhibiting fungal spore germination and growth. Farmers use foliar spray applications during critical growth stages to prevent diseases like blights, mildews, and rusts in crops such as potatoes, tomatoes, grapes, and other vegetables and fruits, ensuring enhanced disease protection and improved crop yield and quality.

The horticulture crops segment is expected to have the highest CAGR during the forecast period

The horticulture crops segment is anticipated to have lucrative growth during the forecast period. Horticulture crops focus on utilising mancozeb, a fungicide, in the cultivation of horticulture crops. This includes fruits like grapes, apples, citrus fruits, and berries, as well as ornamental plants and flowers. Mancozeb's application in horticulture involves protecting these crops from a range of fungal diseases. Moreover, mancozeb acts preventively against fungal pathogens, ensuring disease control and promoting healthy growth, thus protecting the quality and market value of horticultural produce in commercial and residential settings when used as a foliar spray or as part of integrated disease management strategies.

**Region with largest share:**

Asia Pacific commanded the largest market share during the extrapolated period due to its agricultural diversity, market size, regulatory developments, and the ongoing shift towards sustainable crop protection methods. Countries in the Asia-Pacific region have diverse agricultural landscapes, cultivating a wide array of crops like rice, vegetables, fruits, and ornamental plants. Furthermore, rising population, changing dietary preferences, and the need to improve crop yield and quality fuelled the demand for agricultural chemicals like mancozeb.

**Region with highest CAGR:**

North America is expected to witness profitable growth over the projection period, owing to regulatory frameworks and evolving agricultural practices. Concerns over pesticide residues and environmental impact influenced the use and application of mancozeb. Mancozeb played a crucial role in protecting crop health and enhancing yields by controlling fungal infections, contributing to the region's agricultural productivity. Moreover, integrated disease management practices and the shift towards eco-friendly agricultural solutions affected the demand and application of mancozeb in the region.

**Key players in the market**

Some of the key players in the Mancozeb Market include Hebei Enge Biotech Co Ltd, Natursim Science Co Ltd, Ningbo Generic Chemical Co Ltd, UPL Ltd, Zhejiang Rayfull Chemicals Co Ltd, Coromandel International Ltd, Indofil Industries Ltd, Sumitomo Chemical Co Ltd, Limin Group Co Ltd, Corteva Inc, DuPont, Nantong Baoye Chemical and Dow Agro Science.

**Key Developments:**

In June 2023, Corteva Agriscience opened its first combined crop protection and seed research laboratory in EMEA. With almost US\$ 6.31 million (EUR 6 million) of investment, the expansion of the R&D site in Eschbach, Germany, enabled Corteva Agriscience to conduct state-of-the-art crop protection studies to develop solutions that protect crops from pests and diseases.

In March 2023, Corteva, Inc. successfully acquired Symborg (a microbiological technologies company based in Murcia, Spain) and Stoller (an independent company in the biologicals industry based in Houston, Texas, the US).

**Types Covered:**

Mancozeb

Zineb

Maneb

Other Types

**Forms Covered:**

Liquid

Solid

**Mode of Applications Covered:**

Foliar Spray

Seed Treatment

Soil Treatment

**Distribution Channels Covered:**

Supermarket/Hypermarket

E-Commerce

Convenience Stores

Other Distribution Channels

### Applications Covered:

Food Crops

Horticulture Crops

Cash Crops

Turf & Ornamental

Plantation Crops

Other Applications

### Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

## Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

## South America

Argentina

Brazil

Chile

Rest of South America

## Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

**What our report offers:**

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2023, 2024, 2025, 2026, 2027, 2028, 2030, 2032 and 2034
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

**Free Customization Offerings:**

All the customers of this report will be entitled to receive one of the following free customization options:

**Company Profiling**

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

**Regional Segmentation**

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

**Competitive Benchmarking**

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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