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Iprodione Market Forecasts to 2030 – Global Analysis By Product Type (Iprodione 50% WP (Wettable Powder), Iprodione 50% SC (Suspension Concentrate), Iprodione 25% EC (Emulsifiable Concentrate) and Iprodione 50% WDG (Water Dispersible Granules)), Application, End User and By Geography

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Abstracts

According to Stratistics MRC, the Global Iprodione Market is accounted for $254.53 million in 2024 and is expected to reach $438.75 million by 2030 growing at a CAGR of 9.5% during the forecast period. Iprodione is a common fungicide that is mainly used in agricultural practices to control a variety of fungal diseases. It is a member of the dicarboximide class. It works well against fungal diseases that affect crops like ornamental plants, fruits, and vegetables. Moreover, iprodione disrupts the growth and reproduction of fungi by preventing the production of essential enzymes. It is absorbed by plants and acts as a systemic fungicide, halting the spread of fungal infections.

According to the Food and Agriculture Organization (FAO), the global demand for fungicides, including iprodione, is driven by the need to protect crops from fungal infections and ensure food security. In 2022, total pesticides use in agriculture was 3.70 million tonnes, marking a 4% increase with respect to 2021.

Market Dynamics:

Driver:

Growing interest in vegetables and fruits

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Crop protection has become increasingly important due to the rising demand for fresh fruits and vegetables worldwide, which is being driven by shifting dietary habits, health consciousness, and the widespread adoption of organic and plant-based diets. When it comes to fungus infections on fruits like grapes, apples, and strawberries, as well as vegetables like tomatoes and cucumbers, iprodione works especially well. Additionally, fungicides like Iprodione are being used more and more by the agricultural industry to maintain high standards of produce quality, increase shelf life, and satisfy consumer demands for fresher, more varied food options.

Restraint:

Increasing resistance to fungicides

Iprodione's frequent use has caused resistant fungal strains to appear in some areas, much like it has with many other agricultural chemicals. Fungi may become resistant to chemical treatments over time, decreasing the effectiveness of the fungicide. Because of this resistance, farmers are less inclined to use the product as a dependable crop protection solution and are more likely to look for alternative fungicides or integrated pest management strategies. Furthermore, farmers may be hesitant to depend on a product that no longer offers the best control in regions where resistance is pervasive, which could result in a decline in demand for Iprodione.

Opportunity:

Growing use of organic farming methods

While synthetic chemicals are generally avoided in organic farming, certified organic fungicides and biocontrol products are becoming more and more popular. Even though it isn't organic, iprodione can be used in both conventional and organic farming when combined with other biocontrol agents in an integrated pest management system. Moreover, the market for fungicides, such as Iprodione, may benefit from hybrid approaches that use both organic and synthetic solutions in a more targeted and controlled manner as the demand for organic produce continues to rise.

Threat:

Threat of alternative fungicides

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The market for Iprodione is highly competitive with other fungicides that may provide greater efficacy, better management of resistance, or less environmental impact. Fungicides from various chemical classes, as well as biological control agents, are gaining popularity because they can target a greater variety of fungal pathogens or because they are perceived as safer and more sustainable alternatives. Additionally, the emergence of biopesticides and natural fungicides, such as those made from microorganisms or plant extracts, poses a growing threat to conventional chemical fungicides like Iprodione.

Covid-19 Impact:

The COVID-19 pandemic affected the iprodione market in a variety of ways. The distribution of Iprodione and other agricultural chemicals was hampered by global supply chain disruptions, which included production, transportation, and raw material availability delays. This was especially noticeable in areas that depended significantly on imports. However, the pandemic brought about a greater emphasis on agricultural productivity and food security, which prompted farmers to give crop protection top priority. Because agriculture was considered necessary, the demand for fungicides like Iprodione remained comparatively stable in some areas.

The Iprodione 50% WP (Wettable Powder) segment is expected to be the largest during the forecast period

The Iprodione market is expected to be dominated by the Iprodione 50% WP (Wettable Powder) segment. Applications for this formulation are numerous in agriculture, especially in the management of fungal diseases in crops such as ornamental plants, fruits, and vegetables. Wettable powders are widely used because they are inexpensive for large-scale farming, provide good coverage, and are simple to combine with water. Because of their stability, ease of application, and adaptability to a range of environmental conditions, farmers generally prefer them. Moreover, their dominant market share is a result of wettable powders' long history on the market and their extensive application in crop protection.

The Ornamental Plants segment is expected to have the highest CAGR during the forecast period

In the Iprodione market, the Ornamental Plants segment is anticipated to grow at the highest CAGR. Iprodione is frequently used on ornamental plants to prevent fungal diseases that can harm flowers, shrubs, and other decorative plants' aesthetic appeal

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and market value. Effective crop protection products like Iprodione are becoming more and more necessary as the demand for ornamental plants rises, especially in the gardening, landscaping, and floral industries. Additionally, the market for this segment is expanding quickly due to the growing demand for ornamental plants as well as the growing emphasis on preserving the health and appearance of plants.

Region with largest share:

The market for Iprodione is expected to be dominated by the Asia Pacific region due to its large agricultural sector and growing need for crop protection products. To fight fungal diseases in fruits, vegetables, cereals, and ornamental plants, nations like China and India, which engage in extensive farming, use Iprodione extensively. Effective fungicides are needed to increase crop productivity, which has been made more urgent by the region's expanding population and rising food demand. Furthermore, the growth of the ornamental plant and horticulture sectors in Asia-Pacific greatly adds to the region's dominance in the Iprodione market.

Region with highest CAGR:

Due to the growing agricultural activities and the rising use of advanced crop protection solutions, the South American region is anticipated to have the highest CAGR in the Iprodione market. The need for Iprodione to shield crops from fungal diseases and boost yields is being driven by nations like Brazil and Argentina, which are well-known for their extensive production of cereals, grains, fruits, and vegetables. Moreover, iprodione adoption is also being aided by the region's increasing exports of agricultural goods and the increased focus on sustainable farming methods, which are both driving the market's explosive expansion.

Key players in the market

Some of the key players in Iprodione market include E.I. Dupont De Nemours & Company, Apparent Ag, Kanto Chemical Co., Inc, Syngenta AG, Toronto Research Chemicals Inc., MedChemExpress, Bayer CropScience AG, Dow AgroSciences, MilliporeSigma, Imtrade CropScience, BASF SE, UPL Ltd, Monsanto, Double A Vineyards and Biosynth.

Key Developments:

In December 2024, BASF has signed a binding agreement to sell its Food and Health

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Performance Ingredients business, including the production site in Illertissen, Germany, to Louis Dreyfus Company (LDC), a leading global merchant and processor of agricultural goods including high-quality, plant-based ingredients. BASF's Food and Health Performance Ingredients portfolio plays a vital role in addressing growing trends in human nutrition.

In May 2024, MilliporeSigma announced the signing of a definitive agreement to acquire Mirus Bio for US$ 600 million. Mirus Bio, part of Gamma Biosciences, is a life science company based in Madison, Wisconsin, USA that specializes in the development and commercialization of transfection reagents, such as TransIT-VirusGEN®.

In February 2024, Syngenta Crop Protection and Lavie Bio Ltd, announced an agreement for the discovery and development of new biological insecticidal solutions. The collaboration will leverage Lavie Bio's unique technology platform to rapidly identify and optimize bio-insecticide candidates, as well as Syngenta's extensive global research, development and commercialization capabilities.

Product Types Covered:

- Iprodione 50% WP (Wettable Powder)
- Iprodione 50% SC (Suspension Concentrate)
- Iprodione 25% EC (Emulsifiable Concentrate)
- Iprodione 50% WDG (Water Dispersible Granules)

Applications Covered:

- Fruits
- Vegetables
- Ornamental Plants
- Cereals & Grains
- Turf & Lawns

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End Users Covered:

- Agriculture
- Horticulture
- Turf Management
- Greenhouse Cultivation

Regions Covered:

- North America
  - US
  - Canada
  - Mexico
- Europe
  - Germany
  - UK
  - Italy
  - France
  - Spain
  - Rest of Europe
- Asia Pacific

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- 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

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- Strategic recommendations for the new entrants
- Covers Market data for the years 2022, 2023, 2024, 2026, and 2030
- 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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