

Pyrethrin Market Report by Type (Pyrethrin I, Pyrethrin II), Pest Type (Lepidoptera, Sucking Pests, Coleoptera, Diptera, Mites, and Others), Application (Agricultural Insecticides, Household Insecticides, Commercial and Industrial, Animal Healthcare, and Others), and Region 2024-2032

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Abstracts

The global pyrethrin market size reached US\$ 63.5 Million in 2023. Looking forward, IMARC Group expects the market to reach US\$ 115.2 Million by 2032, exhibiting a growth rate (CAGR) of 6.6% during 2024-2032. The increasing product demand in agricultural insecticide applications, the rising prevalence of diseases caused by insects, and the non-toxic nature of the product are key factors driving the market.

Pyrethrin is a natural insecticide derived from the flowers of certain chrysanthemum plants, primarily *Chrysanthemum cinerariifolium* and *Chrysanthemum cinerariifolium*. These flowers contain compounds known as pyrethrins, which have powerful insecticidal properties. It is used to control various insect pests due to its effectiveness and relatively low toxicity to mammals. The active compounds in pyrethrin affect the nervous system of insects, leading to paralysis and eventual death. They target the insect's sodium channels, which are essential for transmitting nerve impulses. Pyrethrins disrupt the normal functioning of these channels, resulting in nerve hyperexcitation and muscle paralysis. They are effective against flying insects like mosquitoes, flies, and moths. Pyrethrin is commonly used in household insecticides, pet sprays, and agricultural products. Many favored it due to its fast action and low persistence in the environment. It breaks down rapidly when exposed to light and air, minimizing its impact on non-target organisms and reducing the risk of contamination in food crops. It is a valuable tool in integrated pest management strategies, providing an

effective and relatively safe option for controlling insect pests.

Pyrethrin Market Trends:

The global pyrethrin market is experiencing significant growth due to several key factors driving its demand and adoption worldwide. These factors include increasing concerns about insect-borne diseases, growing awareness and preference for natural and eco-friendly pest control solutions, expanding agricultural activities, and the rising demand for pyrethrin-based products in various industries. One of the primary drivers of the pyrethrin market is the escalating concern over insect-borne diseases. Mosquito-borne diseases such as malaria, dengue fever, and Zika virus have been a persistent global health issue. Pyrethrin's effectiveness in controlling mosquitoes and other disease-carrying insects has led to its extensive use in public health programs, residential settings, and commercial spaces. The ongoing efforts to combat these diseases and reduce their transmission rates are fueling the demand for pyrethrin-based insecticides. Furthermore, there is a growing awareness and preference for natural and eco-friendly pest control solutions. Consumers are increasingly seeking alternatives to synthetic pesticides that have potentially harmful effects on human health and the environment. As a naturally derived insecticide, pyrethrin offers a safer and more environmentally friendly option. The demand for organic and natural products is on the rise, leading to increased adoption of pyrethrin in both residential and commercial applications. Moreover, the diverse applications of pyrethrin in various industries contribute to its market growth. Pyrethrin is used not only in agriculture and public health but also in animal health, household insecticides, pet care products, and even in the textile industry for fabric treatments. The versatility of pyrethrin and its broad range of applications is expanding its market potential across different sectors.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global pyrethrin market, along with forecasts at the global, regional, and country levels from 2024-2032. Our report has categorized the market based on type, pest type, and application.

Type Insights:

Pyrethrin I

Pyrethrin II

The report has provided a detailed breakup and analysis of the pyrethrin market based on the type. This includes pyrethrin I and pyrethrin II. According to the report, pyrethrin I

represented the largest segment.

Pest Type Insights:

- Lepidoptera
- Sucking Pests
- Coleoptera
- Diptera
- Mites
- Others

A detailed breakup and analysis of the pyrethrin market based on the pest type have also been provided in the report. This includes Lepidoptera, Sucking Pests, Coleoptera, Diptera, Mites, and others. According to the report, diptera accounted for the largest market share.

Application Insights:

- Agricultural Insecticides
- Household Insecticides
- Commercial and Industrial
- Animal Healthcare
- Others

A detailed breakup and analysis of the pyrethrin market based on the application have also been provided in the report. This includes agricultural insecticides, household insecticides, commercial and industrial, animal healthcare, and others.

Regional Insights:

- North America
 - United States
 - Canada
- Asia Pacific
 - China
 - Japan
 - India
 - South Korea
- Australia

Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

The report has also provided a comprehensive analysis of all the major regional markets, which include North America (the United States and Canada); Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Europe (Germany, France, the United Kingdom, Italy, Spain, Russia and others); Latin America (Brazil, Mexico, and others); and the Middle East and Africa. According to the report, North America was the largest market for pyrethrin. Some of the factors driving the North America pyrethrin market include increasing concerns about insect-borne diseases, growing awareness and preference for natural and eco-friendly pest control solutions, the growing awareness and preference for natural and eco-friendly pest control solutions, etc.

Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the global pyrethrin market. Detailed profiles of all major companies have been provided. Some of the companies covered include China Xi'an Nutrendhealth Biotechnology Co. Ltd., Kapi Limited, Pestech Australia Pty Ltd, Scintex Australia, Sumitomo Chemical Co., Ltd., W. Neudorff GmbH KG, Zhejiang Rayfull Chemicals Co. Ltd., etc. Kindly note that this only represents a partial list of companies, and the complete list has been provided in the report.

Key Questions Answered in This Report:

How has the global pyrethrin market performed so far, and how will it perform in the coming years?

What are the drivers, restraints, and opportunities in the global pyrethrin market?
What is the impact of each driver, restraint, and opportunity on the global pyrethrin market?
What are the key regional markets?
Which countries represent the most attractive pyrethrin market?
What is the breakup of the market based on the type?
Which is the most attractive type in the pyrethrin market?
What is the breakup of the market based on the pest type?
Which is the most attractive pest type in the pyrethrin market?
What is the breakup of the market based on the application?
Which is the most attractive application in the pyrethrin market?
What is the competitive structure of the global pyrethrin market?
Who are the key players/companies in the global pyrethrin market?

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