

# Global Pyrethroid Pesticide Market Size Study, by Type (Cypermethrin, Deltamethrin, Cyfluthrin, Fenvalerate, Tetramethrin, Others), by Application (Plant Protection, House Insecticide) and Regional Forecasts 2022-2032

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## Abstracts

Global Pyrethroid Pesticide Market is valued at approximately USD 3.58 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 4.92% over the forecast period 2024-2032. Pyrethroid pesticides, synthetic chemical insecticides derived from natural pyrethrins extracted from chrysanthemum flowers, are widely employed to control a broad spectrum of insect pests in agriculture, public health, veterinary medicine, and residential settings. Their effectiveness, low mammalian toxicity, and relatively short environmental persistence contribute to their broad usage. Pyrethroids disrupt the nervous system of insects by targeting sodium channels, leading to paralysis and eventual death, making them effective against both surface-dwelling and flying insects.

The expanding agricultural activities globally to meet the growing population's needs and changing dietary preferences drive the demand for pyrethroid pesticides, which play a crucial role in protecting crops from a wide range of pests. Technological advancements in agriculture, including improved formulations, application methods, and precision farming techniques, have enhanced the efficacy and efficiency of pyrethroid pesticides. Innovations such as controlled-release formulations and targeted delivery systems help optimize pesticide use while minimizing environmental impact.

Moreover, the rise of integrated pest management (IPM) practices, which emphasize non-chemical control methods, also incorporates pyrethroid pesticides to control insect pests that cannot be effectively managed through other means. However, the

continuous and indiscriminate use of pyrethroid pesticides can exert selective pressure on pest populations, favoring the survival and reproduction of individuals with inherent resistance traits. This leads to pesticide resistance, posing significant challenges to pest management strategies. Additionally, the emergence of bio-based and environmentally friendly pesticides offers effective pest and disease control while minimizing risks to human health and the environment, posing competition to pyrethroid pesticides.

The key regions considered for the global Pyrethroid Pesticide Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America, particularly the United States and Canada, emerged as the dominant player in the Global Pyrethroid Pesticide Market in 2023, driven by significant agricultural activities and the adoption of advanced crop protection practices. Whereas, the market in Asia Pacific is anticipated to grow at the fastest rate over the forecast period 2024-2032. Governments in the region are promoting sustainable agricultural practices that encourage reduced reliance on harsh chemicals while maximizing food production. This creates a niche for pyrethroids, as they are generally considered less harmful to the environment compared to some traditional pesticides.

Major market players included in this report are:

FMC Corp.

Syngenta Group Co Ltd

BASF Corp.

Bayer CropScience AG

Dow AgroSciences LLC

Gharda Chemicals Ltd

Meghmani Organics Ltd

Atul Ltd

Tagros Chemicals India

UPL Limited

Bharat Group

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

By Type:

Cypermethrin

Deltamethrin

Cyfluthrin

Fenvalerate

Tetramethrin

Others

By Application:

Plant Protection

House Insecticide

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

#### Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

#### Latin America

Brazil

Mexico

RoLA

#### Middle East & Africa

Saudi Arabia

South Africa

RoMEA

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 approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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