

# Global Protoporphyrinogen Oxidase Inhibitor Supply, Demand and Key Producers, 2023-2029

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### **Abstracts**

The global Protoporphyrinogen Oxidase Inhibitor market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

The market prospect of Protoporphyrinogen Oxidase Inhibitor (PPO) is expected to grow at a moderate rate due to factors such as the increasing demand for high-quality food, rising agricultural practices, and the need to improve crop productivity. PPO inhibitors are widely used in crops such as soybean, cotton, peanuts, and wheat, among others, to control herbicide-resistant weeds. The increasing adoption of genetically modified crops that are resistant to PPO inhibitor herbicides is also expected to drive the market's growth. However, the market growth may be restrained by factors such as stringent regulatory policies and the development of alternative herbicides that can replace PPO inhibitors. Nevertheless, the increasing demand for efficient weed control and the advantages of PPO herbicides over other herbicides such as low toxicity and high selectivity are expected to drive the market's growth in the coming years.

The Protoporphyrinogen oxidase (PPO) inhibitor is a group of herbicides that work by inhibiting the enzyme PPO, which is involved in the production of chlorophyll. These herbicides are used to control a wide range of broadleaf and grassy weeds in various crops such as cereals, oilseeds, vegetables, and fruits. PPO inhibitors disrupt the normal photosynthetic process in targeted plants, causing tissue death and ultimately killing the plant. They offer effective and selective weed control with low toxicity to humans and animals. Some common PPO inhibitors include saflufenacil, flumioxazin, and sulfentrazone.

This report studies the global Protoporphyrinogen Oxidase Inhibitor production,



demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Protoporphyrinogen Oxidase Inhibitor, and provides market size (US\$ million) and Yearover-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Protoporphyrinogen Oxidase Inhibitor that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Protoporphyrinogen Oxidase Inhibitor total production and demand, 2018-2029, (Tons)

Global Protoporphyrinogen Oxidase Inhibitor total production value, 2018-2029, (USD Million)

Global Protoporphyrinogen Oxidase Inhibitor production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Protoporphyrinogen Oxidase Inhibitor consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Protoporphyrinogen Oxidase Inhibitor domestic production, consumption, key domestic manufacturers and share

Global Protoporphyrinogen Oxidase Inhibitor production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Protoporphyrinogen Oxidase Inhibitor production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Protoporphyrinogen Oxidase Inhibitor production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons)

This reports profiles key players in the global Protoporphyrinogen Oxidase Inhibitor market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Syngenta, Lanxess, Triveni



Chemicals, Bramha Scientific, Neuchatel Chemie Specialties, SLN Pharmachem, Ishita Industries, Hailir Pesticides and Chemicals and Shandong BinNong Technology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Protoporphyrinogen Oxidase Inhibitor market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Protoporphyrinogen Oxidase Inhibitor Market, By Region:

United States China Europe Japan South Korea ASEAN India Rest of World

Global Protoporphyrinogen Oxidase Inhibitor Market, Segmentation by Type

**Diphenyl Ether** 



Phthalimide

Triazolinone

Oxadiazole

Others

Global Protoporphyrinogen Oxidase Inhibitor Market, Segmentation by Application

Agricultural

Scientific Research

**Companies Profiled:** 

Syngenta

Lanxess

**Triveni Chemicals** 

**Bramha Scientific** 

**Neuchatel Chemie Specialties** 

**SLN Pharmachem** 

Ishita Industries

Hailir Pesticides and Chemicals

Shandong BinNong Technology

Shanghai Agrochina Chemical



Sunking Chemical Industrial

Shanghai Mingdou Chemical

Shandong Cynda Chemical

Yifan Biotechnology

Shenyang Sciencreat Chemicals

Shandong Qiaochang Modern Agriculture

Shandong Guansen Polymers Materials Science and Technology

Key Questions Answered

1. How big is the global Protoporphyrinogen Oxidase Inhibitor market?

2. What is the demand of the global Protoporphyrinogen Oxidase Inhibitor market?

3. What is the year over year growth of the global Protoporphyrinogen Oxidase Inhibitor market?

4. What is the production and production value of the global Protoporphyrinogen Oxidase Inhibitor market?

5. Who are the key producers in the global Protoporphyrinogen Oxidase Inhibitor market?

6. What are the growth factors driving the market demand?



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