

Insect Growth Regulators Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

<https://marketpublishers.com/r/I97B5BD36F5FEN.html>

Date: November 2023

Pages: 140

Price: US\$ 2,499.00 (Single User License)

ID: I97B5BD36F5FEN

Abstracts

The global insect growth regulators market size reached US\$ 963.1 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 1,399.0 Million by 2028, exhibiting a growth rate (CAGR) of 6.4% during 2022-2028.

Insect growth regulators (IGRs) are compounds that interfere with the growth, development, and metamorphosis of insects. They include synthetic analogs of insect hormones, such as ecdysoids and juvenoids, and non-hormonal compounds like precocenes (Anti JH) and chitin synthesis inhibitors. They mimic the hormones present inside the body of the insect and prevent reproduction, egg-hatching and molting among different insects, including fleas, cockroaches, and mosquitoes. As IGRs are economical, bio-degradable, non-persistent, non-polluting, and non-toxic to humans, animals and plants, their demand is escalating around the world.

Insect Growth Regulators Market Trends:

With the growing population, reducing arable land and the surging demand for food, farmers are increasing the utilization of pesticides to improve the crop yield. This has resulted in the contamination of soil and groundwater. Additionally, the resistance developed by pests against the repetitive utilization of synthetic pesticides, along with the growing awareness about the negative impact of pesticides on arable land and human health, is positively influencing sales of IGRs across the globe. Moreover, there is a rise in the adoption of environment-friendly crop production products, which is boosting the sales of IGRs as they are highly convenient for being utilized on crops, such as cotton, wheat, tomatoes, and corn. Besides this, due to their high efficiency, there is a considerable increase in the application of IGRs across agriculture, residential and commercial sectors. This, in confluence with the growing adoption of organic farming methods worldwide, is also contributing to the growth of the market. Other factors, such as rising environmental concerns, coupled with increasing awareness

about professional pest control services, are anticipated to propel the growth of the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global insect growth regulators market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on product, form and application.

Breakup by Product:

Chitin Synthesis Inhibitors

Juvenile Hormone Analogs and Mimics

Ecdysone Antagonists

Ecdysone Agonists

Breakup by Form:

Aerosol

Liquid

Bait

Breakup by Application:

Agriculture

Residential

Commercial

Breakup by Region:

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

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being BASF SE, Central Life Science (Central Garden & Pet Company), Control Solutions Inc (China National Chemical Corporation), Dow Inc, Nufarm Limited, OHP Inc. (AMVAC Chemical Corporation), Russell IPM Ltd, Sumitomo Chemical Co. Ltd. and Syngenta AG.

Key Questions Answered in This Report

1. How big is the global insect growth regulators market?
2. What is the expected growth rate of the global insect growth regulators market during 2023-2028?
3. What are the key factors driving the global insect growth regulators market?
4. What has been the impact of COVID-19 on the global insect growth regulators market?
5. What is the breakup of the global insect growth regulators market based on the product?
6. What is the breakup of the global insect growth regulators market based on the form?
7. What is the breakup of the global insect growth regulators market based on the application?
8. What are the key regions in the global insect growth regulators market?
9. Who are the key players/companies in the global insect growth regulators market?

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