

## **Bioinsecticides - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2017 - 2029**

Market Report | 2023-04-26 | 279 pages | Mordor Intelligence

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### **Report description:**

The Bioinsecticides Market size is estimated at USD 1.73 billion in 2024, and is expected to reach USD 3.09 billion by 2029, growing at a CAGR of 12.30% during the forecast period (2024-2029).

#### Key Highlights

- Row Crops is the Largest Crop Type : The main row crops farmed globally are barley, corn, wheat, rapeseed, rye, sunflower, soybean, and rice. Row crops dominance is due to largest cultivation area globally.
- Row Crops is the Fastest-growing Crop Type : Increased pest pressure is thought to be caused by increasing crop field sizes and decreasing seminatural area; bioinsecticides are a sustainable method of controlling it.
- North America is the Largest Region : United states and Canada are dominating the bioinsecticides market in the region, increased organic cultivation and reducing use of chemical pesticides are driving factors.
- United States is the Largest Country : Row crops are dominating the market with 92.6% in 2021, organic transition initiative and demand for organic and pesticide-free food products driving the market.

#### Bioinsecticides Market Trends

Row Crops is the largest Crop Type

- Bioinsecticides are natural substances derived from various sources that effectively control insect pests while being safe for non-target organisms and easily degradable in sewage treatment plants and natural environments. These unique features make

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bioinsecticides an increasingly popular choice for farmers and consumers.

- The bioinsecticides market is dominated by row crops, which accounted for 84.0% of the global market value in 2022. Major row crops such as barley, corn, wheat, rapeseed, rye, sunflower, soybean, and rice are among the most widely farmed globally. Following closely behind are horticulture crops, which had a market share of 11.8% in 2022.
- North America leads the global bioinsecticides market, accounting for 40.8% of the market share in 2022, followed by Europe and Asia-Pacific, with market shares of 33.2% and 17.5%, respectively. The transition to organic agriculture through agroecological and sustainable agricultural practices gained traction globally, focusing on reducing fertilizers and pesticide consumption, particularly due to the pandemic.
- The Pesticide Action Network (PAN) is a global network of over 600 non-governmental organizations, institutions, and individuals working to promote environmentally sound and socially just alternatives to hazardous pesticides. Through its initiatives and programs, PAN is raising awareness about the negative effects of pesticides and driving the adoption of bioinsecticides as a safer and more sustainable alternative.
- With its unique features and benefits and growing consumer preference for chemical-free produce and organically grown food, bioinsecticides are set to experience growth in the global market, with an estimated CAGR of 12.2% during the forecast period (2023-2029).

North America is the largest Region

- Bioinsecticides are biologically-derived pesticides that use microorganisms such as fungi, bacteria, or even plant extracts to combat pest insects that disrupt crop growth and development. North America, Europe, and Asia-Pacific are dominating the global bioinsecticides market.
- The North American region accounted for 40.8%, by value, of the global bioinsecticides market in 2022. North American countries are establishing certain policies to increase organic farming. For instance, the United States implemented USDA's Organic Transition Initiative and a regional integrated pest management center. Canada implemented a ban on certain pesticides through pest management centers. In Mexico, there is growing opposition to the use of chemical pesticides. All these initiatives are driving the bioinsecticides market in the region.
- Europe is the second-largest market for bioinsecticides. The European Union is promoting organic farming by setting the target of achieving 25% of the region's agricultural land under organic farming by 2030. As part of the strategy, all member countries must reduce their use of chemical pesticides by half by 2030. Therefore all the member countries are implementing individual initiatives and policies, including imposing a high tax on chemical pesticides in Italy.
- Asia-Pacific is the third-largest market for bioinsecticides. China and India hold the major share of the Asia-Pacific bioinsecticides market. China, the world's largest pesticide user, intends to reduce pesticide use by 10% in horticultural crops and 5% in rice, wheat, and corn cultivation by 2025. Pesticide bans worldwide and increased organic farming are expected to drive the global bioinsecticides market during the forecast period.

Bioinsecticides Industry Overview

The Bioinsecticides Market is fragmented, with the top five companies occupying 1.69%. The major players in this market are Coromandel International Ltd, Corteva Agriscience, IPL Biologicals Limited, Seipasa SA and Valent Biosciences LLC (sorted alphabetically).

Additional Benefits:

- The market estimate (ME) sheet in Excel format

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