

## **United States Biopesticides - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2017 - 2029**

Market Report | 2024-02-17 | 128 pages | Mordor Intelligence

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### **Report description:**

The United States Biopesticides Market size is estimated at USD 1.66 billion in 2024, and is expected to reach USD 3 billion by 2029, growing at a CAGR of 12.56% during the forecast period (2024-2029).

The market is driven by the consumer preference for organic products, simpler registration processes, an increase in pest diversity, and government support. Low awareness about biopesticides and the high price of biopesticides are the key restraints of the market. Increasing acreage of organic crop cultivation may play a major role in pushing the volume consumption of biopesticides in the United States.

### US Biopesticides Market Trends

Biofungicides is the largest Form

- Biofungicides are substances that are used to control plant diseases caused by pathogenic fungi. Biofungicides may be of microbial or botanical origin. The market for these biofungicides was valued at USD 650.9 million in 2022 and is the most consumed biopesticide type, with a market share of 49.5% in the same year.
- The market for bioinsecticides in the United States was valued at USD 403.9 million in 2022 and accounted for a share of 30.7%, the second most consumed among biopesticides.
- Bioinsecticides are of biological origin, including microorganisms like fungi, bacteria, or even plant extracts that can work against harmful insects that affect the growth and development of crops. On average, these bioinsecticides are applied at the rate of 2.8 kg/hectare in all the crop types. Among bioinsecticides, the bacterial insecticide *Bacillus Thuringiensis* is the most

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predominantly used insecticide in agriculture due to its immense potential to control pests by producing proteins during the sporulation phase.

- Bioherbicides are the derivatives of either microbe, plant extracts, or any other phytotoxins used to control the weeds that compete for growth with the crops by suppressing their growth or germinating weed seeds. The market for biological herbicides was valued at USD 108.9 million in 2022, with a volume consumption of 7.5 thousand metric tons in the same year.
- Other biopesticides include products like nematicides, rodenticides, acaricides, and molluscicides, which are of biological origin. These biological pesticides accounted for a share of 11.5% in 2022, occupying the third place after biofungicides and bioinsecticides.

## US Biopesticides Industry Overview

The United States Biopesticides Market is fragmented, with the top five companies occupying 6.02%. The major players in this market are Bioworks Inc., Certis USA LLC, Corteva Agriscience, FMC Corporation and Marrone Bio Innovations Inc. (sorted alphabetically).

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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