

China Biopesticides - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2017 - 2029

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Report description:

The China Biopesticides Market size is estimated at USD 292.85 million in 2024, and is expected to reach USD 477.70 million by 2029, growing at a CAGR of 10.28% during the forecast period (2024-2029).

Key Highlights

- Biofungicides is the Largest Form : Bio fungicides is a formulation applied to control the activity of plant pathogenic fungi that cause plant diseases. Bio fungicides may be of microbial or botanical origin.
- Bioinsecticides is the Fastest-growing Form : The bacterial insecticide Bacillus Thuringiensis is widely used bioinsecticide due to its potential to control pests by generating proteins during the sporulation phase.
- Row Crops is the Largest Crop Type : Row crops accounted for 82.3% of the biopesticides market in China. Of all biopesticide categories, row crops utilize the most biofungicides. This is due to their efficient management of plant diseases.
- Cash Crops is the Fastest-growing Crop Type : The major cash crops grown in China include sugarcane, tea, cotton, tobacco, etc. Biofungicides are the most consumed biopesticides in cash crops with 42.3% in 2022.

China Biopesticides Market Trends

Biofungicides is the largest Form

- Biopesticides are naturally occurring substances or agents derived from animals, plants, insects, and microorganisms, including bacteria and fungi, used to manage agricultural pests and infections. In 2022, Chinese biopesticides accounted for about 47.1% of

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the entire crop protection market value.

- In the Chinese biopesticides market, biofungicide was the most consumed biopesticide, dominating the market with a volume share of 55.0%, followed by bioinsecticides, other biopesticides, and bioherbicides, with market shares of 31.0%, 11.5%, 2.4%, respectively, in 2022.

- Row crop cultivation is dominant in the country, and its biopesticides consumption was valued at about USD 204.7 million in 2022. This is due to the large area under cultivation of field crops, which are considered the country's staple food.

- Microbial pesticides are pesticides that contain live organisms as active components, such as bacteria, fungi, viruses, protozoa, or microorganisms that have undergone genetic modification. *Bacillus thuringiensis*, *Bacillus subtilis*, *Helicoverpa armigera* nuclear polyhedrosis virus, *Metarhizium anisopliae*, and *Paenibacillus polymyxa* are the top five microbial pesticides in China in terms of manufacturing output.

- Botanical pesticides are pesticides with active components extracted directly from plants. The currently registered botanical pesticides include matrine, rotenone, azadirachtin, veratramine, and pyrethrin.

- Organic farming also expands in China as the demand for organic food rises. From 2017 to 2022, 29.6% of organic acreage increased. Increasing organic acreage and government initiatives are expected to increase the market value of biopesticides during the forecast period, with a projected CAGR of 9.1%.

China Biopesticides Industry Overview

The China Biopesticides Market is fragmented, with the top five companies occupying 0.78%. The major players in this market are Andermatt Group AG, Biolchim SPA, Dora Agri-Tech, Koppert Biological Systems Inc. and Valent Biosciences LLC (sorted alphabetically).

Additional Benefits:

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

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