

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

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Report description:

The China Biocontrol Agents Market size is estimated at USD 320.77 million in 2024, and is expected to reach USD 491.36 million by 2029, growing at a CAGR of 8.90% during the forecast period (2024-2029).

Key Highlights

- Macrobiology is the Largest Form : Macrobiology are natural enemies of pests and are known as invertebrate biocontrol agents. They include mites, insect predators, parasitoids and entomopathogenic nematodes.
- Macrobiology is the Fastest-growing Form : Predators dominating the macrobiology market because predators are more ferocious eaters and may attack several pest species at various stages of their life cycles.
- Row Crops is the Largest Crop Type : The row crop's dominance in this market is primarily due to the region's large organic cultivation area, which accounts for 82.3% of the total organic crop area in 2022.
- Cash Crops is the Fastest-growing Crop Type : Due to the higher export potential of cash crops, the overall organic acreage is showing an increasing trend, this propels the market in the cash crops in forecast period.

China Biocontrol Agents Market Trends

Macrobiology is the largest Form

- Macrobiology biocontrol agents dominated the Chinese biocontrol agents market. They were valued at about USD 279.2 million in 2022. The domination of macrobiology biocontrol agents is mainly due to their ability to control a wide range of pests.

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- Predators dominate the macrobial biocontrol agents market. The dominance of the predators segment in the overall biocontrol agents market is mainly due to their ability to attack different life stages of pests and even different pest species. Predators are voracious feeders compared to other biocontrol agents, accounting for about 47.4% of the overall biocontrol agents market in 2022.
- Microbial biocontrol agents accounted for less than 1% of the Chinese biocontrol agents market value in 2022. The limited market share of microbial biocontrol agents is mainly due to their complex mode of action and less awareness among the farmers in the country. Microbial agents have the scope to increase their market share due to their ability to control a wide range of pests and diseases.
- Bacterial biocontrol agents dominate the microbial biocontrol agents market. The dominance of bacterial biocontrol agents is mainly due to their wide range of strategies. They may interact directly or indirectly with the pathogen to prevent or minimize plant disease via one or a combination of mechanisms.
- The Chinese government's initiatives to decrease the overall use of chemical pesticides and the development of local organic agriculture were planned by municipal governments at all levels. They also introduced incentives to encourage producers to switch to organic farming. These factors are expected to further drive the biocontrol agents market in the country during the forecast period.

China Biocontrol Agents Industry Overview

The China Biocontrol Agents Market is fragmented, with the top five companies occupying 13.22%. The major players in this market are Andermatt Group AG, Biobest Group NV, Henan Jiyuan Baiyun Industry Co. Ltd, Isagro SPA and Koppert Biological Systems Inc. (sorted alphabetically).

Additional Benefits:

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

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