

United States Agricultural Biologicals - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2017 - 2029

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Report description:

The United States Agricultural Biologicals Market size is estimated at USD 3.15 billion in 2024, and is expected to reach USD 5.75 billion by 2029, growing at a CAGR of 12.79% during the forecast period (2024-2029).

Key Highlights

- Crop Protection is the Largest Function : Biopesticides are the most consumed in the biologicals market in the United States and accounted for share of 83.5% in the crop protection segment in the year 2022.
- Biofungicides is the Largest Form : Bio fungicides are dominating the biopesticide segment in crop protection with 49.5% of market value in 2022 and are used to control plant diseases caused by pathogenic fungi.
- Biopesticides is the Largest Type : Biopesticides are naturally occurring substances or agents derived from animals, plants, insects, and microorganisms, including bacteria and fungi used to manage pests.
- Row Crops is the Largest Crop Type : The major row crops grown in the United States are corn, wheat, rice, soybean, etc. These crops accounted for a value share of 69.4% of the biologicals market in 2022

United States Agricultural Biologicals Market Trends

Crop Protection is the largest Function

- In 2022, crop protection led the US agricultural biologicals market, accounting for USD 1.3 billion. Biopesticides are the most consumed in the US agricultural biologicals market and accounted for a maximum share of 83.5% in the crop protection segment

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in 2022. Biofungicides dominate the biopesticides segment and are used to control plant diseases that are caused by pathogenic fungi. Biofungicides may be of microbial or botanical origin. The biofungicides sub-segment was valued at USD 781.6 million in 2022, and they are the most consumed biopesticide type, with a market share of 49.5% in the same year.

- The bioinsecticides sub-segment in the United States was valued at USD 403.9 million in 2022, and it accounted for a share of 30.7%. They are the second-most consumed biopesticides.

- Crop nutrients accounted for USD 1.1 billion in the US agricultural biologicals market in 2022. Organic fertilizers were the most consumed in the US agricultural biologicals market in the crop nutrition segment in 2022. Manures are the most consumed organic fertilizer in the United States, accounting for a maximum share of 46.7% in 2022. Manures can be of plant or animal origin, and they are a decomposed form of plant or animal waste like excreta, generally rich in organic matter. Animal or plant waste compost manure, farmyard manure, and green manure are the common types used in agriculture.

- The increasing awareness about the overuse of fertilizers among farmers and the government initiatives to support sustainable agricultural practices and organic farming resulted in a rising demand for crop nutrition-based agricultural biologicals. Therefore, the market is anticipated to increase during the forecast period.

United States Agricultural Biologicals Industry Overview

The United States Agricultural Biologicals Market is fragmented, with the top five companies occupying 6.56%. The major players in this market are Bioworks Inc., Cedar Grove Composting Inc., Certis USA LLC, Corteva Agriscience and Novozymes (sorted alphabetically).

Additional Benefits:

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

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