

North America Agricultural Biologicals - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2017 - 2029

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Report description:

The North America Agricultural Biologicals Market size is estimated at USD 5.63 billion in 2024, and is expected to reach USD 9.87 billion by 2029, growing at a CAGR of 11.88% during the forecast period (2024-2029).

Key Highlights

- Biofungicides is the Largest Form : In North America, the market for these bio fungicides is valued at USD 1.06 billion, making them the most popular biopesticide type with a 46.9% in the year 2022.
- 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 : Row crops dominate the market for agricultural biologicals in the region. In 2022, it accounted for 76.0% of the total market value due to their large cultivation area.
- United States is the Largest Country : The major row crops grown in the United States include corn, wheat, rice, soybean, etc. These crops accounted for a value share of 69.4% of the biologicals market in 2022.

North America Agricultural Biologicals Market Trends

Crop Nutrition is the largest Function

- Agricultural biologicals play an important role in sustainable agriculture in North America. By delivering necessary nutrients and managing pests and insects in crops, these products decrease the usage of chemical fertilizers and pesticides. The regional

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agricultural biologicals market grew by 63.1% between 2017 and 2022.

- Crop nutrition biologicals dominate the biologicals market, and among crop nutrients, biofertilizers dominated the crop nutrient segment in 2022. Biofertilizers are organic substances containing live microorganisms that help plants thrive. From 2017 to 2021, the biofertilizer market value rose by approximately 49.3%. Rhizobium-based biofertilizers lead the North American biofertilizer industry, accounting for approximately 36.5% of the biofertilizer market value in 2022. This is mostly owing to the potential of rhizobium-based biofertilizers to reduce overall reliance on inorganic nitrogen fertilizers.
- Crop protection is dominated by biopesticides, which account for 94.1% of the crop protection category. The market for biofungicides in North America was projected to be worth USD 1.06 billion in 2022, making them the most popular biopesticide type with a 46.9% market share in the same year. Biofungicides are substances that are applied to plants to prevent diseases caused by pathogenic fungi. Bacillus, Trichoderma, and Pseudomonas are the most widely available biofungicides on the market.
- The demand for organic products has grown both domestically and internationally as a result of consumers' growing awareness of the negative effects of synthetic fertilizers. The market grew by 95.1%, with a CAGR of 10% during the forecast period.

United States is the largest Country

- The United States dominated the North American biologicals market with a market share of 55.5% in 2022. Crop protection led the agricultural biologicals market in the United States and accounted for USD 1.3 billion. Biopesticides are the most consumed type in the agricultural biologicals market in the United States and accounted for a maximum share of 83.5% in the crop protection segment in 2022.
- Biofungicides dominate the biopesticide segment and 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 781.6 million in 2022 and was the most consumed type of biopesticide, with a market share of 49.5% in the same year.
- Canada accounted for 28.8% of the North American agricultural biologicals market in 2022, with a market value of USD 1.30 billion. The crop protection segment in the country was valued at about USD 475.1 million in 2022. Biopesticides dominated the crop protection segment in the country, accounting for 95.2% of the crop protection market value in the same year.
- Mexico is the second-largest country in terms of organic crop area in the North American region. The total organic crop area in the country increased from 512.7 thousand hectares in 2017 to 541.5 thousand hectares in 2022 and is anticipated to increase by 10.9% by the end of 2029. This increasing trend in organic crop areas directly increases the demand for biologicals in the forecast period.
- The increasing demand for sustainable or organically cultivated crops and the adverse effects of the overuse of chemical fertilizers are factors driving the market for biologicals. Additionally, biologicals have the ability to reduce the overall cost of production, further contributing to market growth.

North America Agricultural Biologicals Industry Overview

The North America Agricultural Biologicals Market is fragmented, with the top five companies occupying 0.75%. The major players in this market are Bioworks Inc., Koppert Biological Systems Inc., Sustane Natural Fertilizer Inc., Symborg Inc. and Valagro USA (sorted alphabetically).

Additional Benefits:

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

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