

## **United States Agricultural Biologicals Market Report and Forecast 2025-2034**

Market Report | 2025-06-29 | 114 pages | EMR Inc.

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### **Report description:**

The United States agricultural biologicals market was valued at USD 3.08 Billion in 2024. The industry is expected to grow at a CAGR of 12.60% during the forecast period of 2025-2034 to attain a valuation of USD 10.09 Billion by 2034.

#### United States Agricultural Biologicals Market Outlook

Rising consumer demand for organic food is propelling farmers to move away from synthetic chemicals and shift towards biologicals, driving growth of the United States agricultural biologicals market. Furthermore, government initiatives like the Conservation Stewardship Program (CSP) and USDA's Environmental Quality Incentives Program (EQIP) provide various financial incentives to promote the use of biological farming products. Strict regulations on use of chemical pesticides further surge their adoption, thereby influencing market demand.

In addition, advancements in biotechnology are expanding the product pipeline and enhancing the effectiveness of microbial and plant-based biologicals. Concerns regarding pesticide residues, environmental pollution, and pesticide resistance are also contributing to the demand for biopesticides. Moreover, as farmers seek to enhance soil fertility and crop productivity, the popularity or demand of biofertilisers and biostimulants is expected to rise, increasing United States agricultural biologicals market opportunities. To cater to this demand, in May 2022, Corteva Agriscience introduced Zorvec Encantia, a new generation of bio fungicide for potato crops in India. It provides long protection against 'late blight', a disease that can cause major yield losses in potato crops.

#### Adoption of Bioproducts in Far West and Rocky Mountain Regions is One of the Major United States Agricultural Biologicals Market Trends

- In the market from 2024 to 2032, the Far West region is expected to lead with the highest CAGR of 15.1%, driven by significant advancements in sustainable agriculture practices and the adoption of bioproducts.

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- The Rocky Mountain region follows with a CAGR of 14.0%, supported by increasing awareness and use of eco-friendly agricultural inputs.
- The Southwest, with a CAGR of 13.4%, benefits from expanding organic farming and the growing demand for biopesticides and biostimulants.
- The Southeast, growing at a CAGR of 12.9%, shows steady agricultural biologicals demand growth in United States due to favorable climatic conditions and the increasing shift towards sustainable farming.
- New England and the Mideast regions exhibit substantial growth with CAGRs of 12.1% and 11.2%, respectively, reflecting strong adoption of bioproducts but slightly lower growth due to more mature markets.
- The Plains and Great Lakes regions, with CAGRs of 10.4% and 9.8%, respectively, experience slower growth due to smaller market sizes and less dynamic agricultural activities.

#### Biopesticides Dominate the United States Agricultural Biologicals Market Share Due to Rising Demand for Eco-Friendly Pest Control Products

- In the market from 2024 to 2032, biopesticides are anticipated to experience the highest growth, with a CAGR of 14.6%, driven by the increasing demand for eco-friendly pest control solutions and the reduction of chemical pesticide use.
- Biostimulants follow closely with a CAGR of 13.7%, reflecting their growing importance in enhancing crop yield and stress resistance, particularly in organic farming.
- Biofertilisers, with a CAGR of 12.4%, continue to see steady demand as they provide a sustainable alternative to chemical fertilizers, improving soil health and crop productivity.

#### Rising Preference of Organic Fruits and Vegetable is Boosting United States Agricultural Biologicals Market Growth

- In the market from 2024 to 2032, the fruits and vegetables segment is expected to lead with a CAGR of 14.8%, driven by the increasing demand for organic produce and the adoption of bioproducts to meet consumer preferences for healthy and environmentally friendly foods.
- As per United States agricultural biological industry analysis, the cereals and grains segment follow with a CAGR of 13.9%, supported by the need for sustainable crop management practices to ensure food security.
- The oilseeds and pulses segment, with a CAGR of 13.4%, shows strong growth due to the rising demand for plant-based proteins and the adoption of bioproducts to enhance crop yield.
- The 'others' category, with a CAGR of 12.4%, includes various additional applications that contribute to overall market growth at a slightly slower pace.

#### Key Questions Answered in the Report:

- How has the United States agricultural biologicals market performed historically, and what are the growth expectations for the future?

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- What are the primary factors influencing demand and growth in the United States agricultural biologicals market?
- What are the key segments within the United States agricultural biologicals market, and how are they expected to evolve over the forecast period?
- What are the major challenges and opportunities facing stakeholders in the United States agricultural biologicals market?
- Who are the key players in the United States agricultural biologicals market, and what strategies are they employing to maintain a competitive edge?
- What are the regulatory and policy factors influencing the United States agricultural biologicals market globally or regionally?
- How competitive is the United States agricultural biologicals market according to Porter's five forces analysis, including factors like bargaining power of buyers and suppliers?
- What are the current trends shaping the United States agricultural biologicals market landscape, and how are they expected to evolve in the future?
- How are technological advancements impacting the United States agricultural biologicals market, and what role do innovation and R&D play in driving growth?
- What are the consumer preferences and buying behavior trends influencing the United States agricultural biologicals market?
- How sustainable are current growth rates in the United States agricultural biologicals market, and what factors could potentially disrupt these trends?
- What are the regional dynamics within the United States agricultural biologicals market, and how do they contribute to overall market growth?
- What are the economic factors influencing the United States agricultural biologicals market, such as GDP growth, inflation rates, and currency fluctuations?
- How are demographic shifts, such as aging populations or urbanization trends, affecting demand in the United States agricultural biologicals market?
- What are the key strategic partnerships, mergers, and acquisitions shaping the competitive landscape of the United States agricultural biologicals market?
- What are the regulatory and legal frameworks impacting the United States agricultural biologicals market globally or in key regions?
- How are changing consumer lifestyles and preferences influencing product or service demand within the United States agricultural biologicals market?
- What are the emerging market trends and niche opportunities within the United States agricultural biologicals market that stakeholders should be aware of?

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- How resilient is the United States agricultural biologicals market to external shocks or disruptions, such as geopolitical tensions or natural disasters?

- What are the potential barriers to market entry and growth for new players in the United States agricultural biologicals market?

Key Benefits for Stakeholders:

Expert Market Research's industry report provides a comprehensive quantitative analysis of various market segments, historical and current market trends, and forecasts the dynamics of the United States agricultural biologicals market spanning from 2018 to 2034.

The research report delivers up-to-date insights into the market drivers, challenges, and opportunities shaping the United States agricultural biologicals market.

Stakeholders can leverage Porter's five forces analysis to assess the impact of new entrants, competitive rivalry, supplier power, buyer power, and the threat of substitution. This analysis aids in evaluating the competitiveness and attractiveness of the United States agricultural biologicals market.

The competitive landscape section enables stakeholders to gain a deep understanding of their competitive environment. It offers insights into the current market positions of key players, their strategies, and their market shares.

Additionally, the report highlights emerging trends, regulatory influences, and technological advancements that are pivotal for stakeholders navigating the United States agricultural biologicals market landscape.

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