

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

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Report description:

The United States Biostimulants Market size is estimated at USD 0.53 billion in 2024, and is expected to reach USD 1.01 billion by 2029, growing at a CAGR of 13.77% during the forecast period (2024-2029).

Key Highlights

- Protein Hydrolysates is the Largest Form : Protein hydrolysates dominated United States biostimulants market in 2022 owing to their role in improving yield and quality traits in agricultural and horticultural crops.
- Humic Acid is the Fastest-growing Form : Humic acids aid in enhancing root, leaf, and shoot growth and also promote seed germination. Row crops dominated the market accounting for 70.7% of the market share in 2022.
- Row Crops is the Largest Crop Type : Major row crops grown in the country include corn, wheat, rice, soybean and barley. Protein hydrolysates dominated the row crops segment with a market share of 37.2% in 2022.
- Horticultural Crops is the Fastest-growing Crop Type : Potato, tomato, lettuce, cucumbers and watermelons are major horticulture crops grown in the country. Protein hydrolysates dominated the market with a share of 37.2% in 2022.

United States Biostimulants Market Trends

Protein Hydrolysates is the largest Form

- The biostimulants market in the United States consists of many active ingredients, such as humic and fulvic acids, amino acids, protein hydrolysates, seaweed extracts, and other biostimulants like organic plants and animal derivatives.

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- Protein hydrolysates held the highest share in the US biostimulants market, with a share of 37.3% in 2022. The market was valued at USD 70.1 million in 2022, with a consumption volume of 5.9 thousand metric tons. The use of protein hydrolysates can improve yield and quality traits in agricultural and horticultural crops, thus leading to their high share.
- Humic acids followed protein hydrolysates, accounting for a market share of 27.6% in 2022. Humic acids help improve the root system of crops such as soybean, wheat, rice, and maize; vegetable crops such as potato, tomato, cucumber, and pepper; and fruit crops such as citrus (Citrus limon) and grape (Vitis vinifera).
- The field crops held the maximum area under organic cultivation and accounted for a significant share of biostimulant consumption, i.e., 71.4% in 2022. These crops were followed by horticultural and cash crops, with shares of 27.5% and 1.1% in the same year, respectively.
- Despite the potentially positive effects on different crops reported in the scientific literature, there is little knowledge regarding biostimulant effects on commercially grown crops like citrus and strawberry and vegetables like tomato and capsicum, particularly in many states of the country, like Florida and California.
- The growing demand for organic products, the advancement of the agricultural industry, the increasing use of bio-based resources in farming, and supportive government policies drive the US market for biostimulants.

United States Biostimulants Industry Overview

The United States Biostimulants Market is fragmented, with the top five companies occupying 6.66%. The major players in this market are BioLine Corporation, Corteva Agriscience, Hello Nature USA Inc., Humic Growth Solutions 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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