

China Biostimulants - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

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Report description:

The China Biostimulants Market size is estimated at 242.6 million USD in 2025, and is expected to reach 430.7 million USD by 2030, growing at a CAGR of 12.16% during the forecast period (2025-2030).

- The biostimulant market in China consists of many active ingredients such as humic acid and fulvic acid, amino acids, protein hydrolysates, seaweed extracts, and other biostimulants like organic plants and animal derivatives.
- In 2022, humic acid dominated the Chinese biostimulants market, accounting for about 25.2% and 28.9% of the total market by value and volume, respectively. Humic acid helps improve the root system of crops such as soybean, wheat, rice, and maize; vegetable crops such as potato, tomato, cucumber, and pepper; fruit crops such as citrus (Citrus limon) and grape (Vitis vinifera). Humic acid promotes shoot growth in crops like cucumber, tomato, leeks, peas, wheat, maize, and pepper.
- In China, amino acids accounted for 24.2% of the total biostimulants market value in 2022. The consumption volume of amino acid biostimulants is expected to increase by 49.1%, from 14.2 thousand metric tons in 2022 to 21.9 thousand metric tons in 2029. This is mainly due to the increasing trend in adopting sustainable or organic agriculture in the country.
- Seaweed extracts accounted for 11.3% of the Chinese biostimulants market in 2022. Seaweed extracts biostimulants are expected to witness the fastest growth rate compared to other types of biostimulants as seaweed biostimulants can be prepared in a circular and sustainable way and can be mixed with other ingredients as a part of fertilizer. They offer specificity of action to improve the yield of crops.
- Despite the potential positive effects on different crops, there is little knowledge of the impacts of biostimulants on commercially grown crops like citrus and strawberry and vegetables like tomato and capsicum.

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China Biostimulants Market Trends

Country's zero growth in pesticides use and increasing exports under organic products driving the organic cultivation.

- According to the latest reports by FiBL and the IFOAM, the market for organic food in China is growing at an annual rate of 25.0%. The shift from conventional to organic is a transformation toward a more sustainable food system within China, given the USD 2.91 billion of agri-food commodities exported from China each year.
- The size of organic farmland increased rapidly in China because more people started buying organic products due to increased incomes and the increasing importance of food safety. In the last three years, China's organic planting area increased by 10%, reaching 2.4 million ha in 2020. In addition, national policies have been adopted to promote organic production, advocating the slogans that state, "lucid waters and lush mountains are invaluable assets" and "green development".
- Organic farming in China is majorly export-oriented. The products that are both exported and imported include cereals, soybeans, fruits, and vegetables. China's three northeastern provinces (Liaoning, Jilin, and Heilongjiang) support the largest organic production nationally in terms of output, volume, and area. Most organic farms located in the northern part of China (e.g., Shandong and Liaoning) supply organic vegetables and fruits to nearby cities. In addition, they export some products to Japan, South Korea, Europe, and the United States.
- With the increasing concerns of soil toxicity due to the overuse of synthetic fertilizers and pesticides that lead to soil contamination, the demand for sustainable agriculture practices and organic food production is on the rise in China. This moderately slow yet increasing shift in cultivation practices has also subsequently increased the demand for crop nutrition and protection products.

The growing demand for organic products, approximately 73% of Chinese consumers are willing to have organic food

- China's organic food market is developing rapidly, and the potential demand for organic food among Chinese consumers is enormous. This is due to the growth of the wealthier middle classes and a greater awareness of the health implications. In 2021, organic food sales in China amounted to about USD 77.54 billion.
- Due to various government laws that favor organic food over food safety and customer preferences for organic food over conventional food, the demand for organic food items has considerably expanded. While prices of organic vegetables in China range from 3 to 15 times the cost of conventional produce, prices for organic vegetables are generally between 5 and 10 times that of their conventional counterparts. However, despite the price factor being a barrier, wealthy families and individuals with health problems are eager to increase their budget, with approximately 73% of Chinese consumers willing to pay extra for organic foods.
- The Chinese government is slowly aiming to become self-reliant in the organic food sector. For instance, the economy is slowly moving toward a green agriculture practice by encouraging farmers to scale back the use of chemical fertilizers and switch to bio-based alternatives. The China Chain Store and Franchise Association (CCFA) research in 2020 declared that organic awareness among the Chinese population in developed cities was at 83% when it came to an understanding of the concept of sustainable food production. Although China's organic food sector is still quite small and falls far short of satisfying domestic and international

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consumer demand, it can be stated that organic food in China has enormous potential in both the domestic and foreign markets, considering the rise in domestic sales by 4.01% in 2021.

China Biostimulants Industry Overview

The China Biostimulants Market is fragmented, with the top five companies occupying 7.87%. The major players in this market are Atlantica Agricola, Biolchim SpA, Humic Growth Solutions Inc., Trade Corporation International and Valagro (sorted alphabetically).

Additional Benefits:

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

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