

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

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Report description:

The Asia-Pacific Biostimulants Market size is estimated at 0.86 billion USD in 2025, and is expected to reach 1.4 billion USD by 2030, growing at a CAGR of 10.30% during the forecast period (2025-2030).

- Modern agriculture plays a central role in solving some of humanity's most challenging problems. As the population in the Asia-Pacific region grows, the agricultural sector is under pressure to meet the rising demand for food and achieve food security goals.
- The deterioration of soil quality has become a major concern among farmers and agriculturists in the region. This has resulted in a loss of fertility, biodiversity, and production capacity. The agriculture sector's most significant challenge is the increasing use of synthetic fertilizers and pesticides to boost agricultural production. According to studies, excessive fertilizer use could hasten the climate crisis.
- As a result, environmentally friendly and sustainable farming practices with innovative solutions are now standard practices in modern agriculture. To ensure adequate food production, the agricultural sector must embrace new solutions and approaches to improve resource utilization efficiency. Biostimulants have emerged as an environmentally friendly and promising innovation for modern agriculture in this regard. Amino acids, humic acid, fulvic acid, seaweed extract, and protein hydrolysates are among the most commonly used biostimulants.
- Amino acids are the most commonly used biostimulants in the Asia-Pacific region, with the largest market share of 25.2% in 2022. This is due to their ability to enhance plant productivity, especially under abiotic and biotic stress conditions.
- Major agricultural countries in the region, such as India and China, have launched various initiatives to promote organic farming

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and the use of sustainable agricultural inputs. They offer various incentives that may drive the market, and as a result, the market value is anticipated to record a CAGR of 11.9% between 2023 and 2029.

- The Asia-Pacific region has witnessed a remarkable increase in the demand for organically grown food, resulting in a surge in the biostimulants market. With countries like India, China, Australia, and Japan promoting organic farming, the area under organic cultivation increased from 3.1 million hectares in 2017 to 3.8 million hectares in 2022. As a result, the biostimulants market experienced a growth rate of 11.5% between 2017-2022.
- The impact of climate change has severely affected crop production, making it imperative to use biostimulants to mitigate climate-induced stresses like drought, salinity, and temperature variations. The application of biostimulants has proven to have a positive impact on plants and helps maintain the ecological balance of agroecosystems, reducing the need for pesticides and chemical fertilizers.
- China, India, and Australia have emerged as the major business areas for biostimulants in the Asia-Pacific region. In 2022, China dominated the biostimulants market with a 27.6% share, followed by India and Australia. The governments of these countries are encouraging farmers to adopt sustainable agricultural practices by providing incentives, investing in research and development, and setting targets to meet. For instance, Japan has set a goal to reduce the usage of chemical fertilizers and pesticides by 30.0% and 50.0%, respectively, by 2050.
- The demand for biostimulants in the Asia-Pacific region is on the rise due to the increasing area under organic farming and the need for sustainable agricultural practices. The biostimulants market in the Asia-Pacific region is expected to witness further growth in the coming years, with the potential to help combat the adverse effects of climate change on agriculture.

Asia-Pacific Biostimulants Market Trends

Growing government support in countries like China, India, Indonesia, and Australia, boosts organic farming in the region

- In 2021, the area of organic agricultural land in the Asia-Pacific region exceeded 3.7 million hectares, representing 26.4% of the global organic area, according to FiBL statistics. The organic area under cultivation grew by 19.3% between 2017 and 2022. As of 2020, the region had about 1.83 million organic producers, with India leading the way with 1.3 million organic producers. China, India, Indonesia, and Australia are the major countries with large organic cultivation areas in the region. Government authorities in countries such as China and India are continuously promoting organic agriculture to reduce reliance on chemical inputs for crop cultivation. India, for instance, has implemented schemes like Paramparagat Krishi Vikas Yojana and the All India Network Programme on Organic Farming (AI-NPOF).
- In 2021, China accounted for the largest share at 66.1% with 2.5 million hectares, followed by India, Indonesia, and Australia with shares of 19.3%, 1.5%, and 1.4%, respectively. The total organic land is divided into three crop types: row crops, horticultural crops, and cash crops. Row crops occupy the largest share of organic agricultural land in the region, accounting for 67.5% with 2.5 million hectares in 2021. Major row crops grown in the region include paddy, wheat, pulses, soybeans, and millets.
- Cash crops held the second largest share, with 0.7 million hectares in 2021, accounting for an 18.5% share of organic cropland. The demand for organic cash crops, such as sugar and organic tea, is increasing globally. China and India are the largest producers of organic green tea and organic black tea, respectively, globally. The growing international demand is expected to increase the organic acreages in the region.

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Per capita spending on organic product predominant in Australia and China's organic food market growing significantly

- The per capita spending on organic products in the Asia-Pacific region was recorded at USD 85.1 in 2021. Australia witnessed a higher per capita spending on organic products, with USD 58.3 in 2021, which was attributed to the higher demand due to consumers' perception of organic food as healthy. According to Global Organics Trade, the organic packed food and beverage market in Australia stood at USD 885.2 million in 2021.
- China's organic food market grew by 13.3% in 2021, and the positive growth pattern is expected to continue with an estimated CAGR of 7.1% between 2023 and 2029. With an increasing emphasis on the importance of organic products among the younger generation and a rise in demand for organic baby food due to the growing number of working mothers and the increasing adoption of the health and wellness trend, organic products are expected to reach a value of USD 6.4 billion by 2025.
- Organic products in India represent far less than 1.0% of global demand, with a per capita expenditure of just USD 0.08 in 2021. However, India represents a promising market over the coming years, reaching a value of USD 153.3 million by 2025. Currently, the market for organic goods in the region is very fragmented, with just a few supermarkets and specialty stores selling them, as only people from higher-income families are potential customers. Growing consumer knowledge and buying motivations will lead to a better understanding of the sustainability qualities of organic food in the region. Increasing per capita income, along with increased consumer awareness of the importance of organic food intake, has the potential to raise per capita expenditure on organic food items in the Asia-Pacific region.

Asia-Pacific Biostimulants Industry Overview

The Asia-Pacific Biostimulants Market is fragmented, with the top five companies occupying 8.79%. The major players in this market are Biolchim SpA, Biostadt India Limited, Gujarat State Fertilizers & Chemicals Ltd., T. Stanes and Company Limited and Valagro (sorted alphabetically).

Additional Benefits:

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

Table of Contents:

1 EXECUTIVE SUMMARY & KEY FINDINGS

2 REPORT OFFERS

3 INTRODUCTION

3.1 Study Assumptions & Market Definition

3.2 Scope of the Study?

3.3 Research Methodology

4 KEY INDUSTRY TRENDS

4.1 Area Under Organic Cultivation

4.2 Per Capita Spending On Organic Products

4.3 Regulatory Framework

4.3.1 Australia

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- 4.3.2 China
- 4.3.3 India
- 4.3.4 Indonesia
- 4.3.5 Japan
- 4.3.6 Philippines
- 4.3.7 Thailand
- 4.3.8 Vietnam
- 4.4 Value Chain & Distribution Channel Analysis

5 MARKET SEGMENTATION (includes market size in Value in USD and Volume, Forecasts up to 2030 and analysis of growth prospects)

- 5.1 Form
 - 5.1.1 Amino Acids
 - 5.1.2 Fulvic Acid
 - 5.1.3 Humic Acid
 - 5.1.4 Protein Hydrolysates
 - 5.1.5 Seaweed Extracts
 - 5.1.6 Other Biostimulants
- 5.2 Crop Type
 - 5.2.1 Cash Crops
 - 5.2.2 Horticultural Crops
 - 5.2.3 Row Crops
- 5.3 Country
 - 5.3.1 Australia
 - 5.3.2 China
 - 5.3.3 India
 - 5.3.4 Indonesia
 - 5.3.5 Japan
 - 5.3.6 Philippines
 - 5.3.7 Thailand
 - 5.3.8 Vietnam
 - 5.3.9 Rest of Asia-Pacific

6 COMPETITIVE LANDSCAPE

- 6.1 Key Strategic Moves
- 6.2 Market Share Analysis
- 6.3 Company Landscape
- 6.4 Company Profiles (includes Global Level Overview, Market Level Overview, Core Business Segments, Financials, Headcount, Key Information, Market Rank, Market Share, Products and Services, and Analysis of Recent Developments).
 - 6.4.1 Agrinos
 - 6.4.2 Atlantica Agricola
 - 6.4.3 Biolchim SpA
 - 6.4.4 Biostadt India Limited
 - 6.4.5 Coromandel International Ltd
 - 6.4.6 Gujarat State Fertilizers & Chemicals Ltd.
 - 6.4.7 Plant Response Biotech Inc.
 - 6.4.8 Rallis India Ltd

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6.4.9 T. Stanes and Company Limited

6.4.10 Valagro

7 KEY STRATEGIC QUESTIONS FOR AGRICULTURAL BIOLOGICALS CEOS

8 APPENDIX

8.1 Global Overview

8.1.1 Overview

8.1.2 Porter's Five Forces Framework

8.1.3 Global Value Chain Analysis

8.1.4 Market Dynamics (DROs)

8.2 Sources & References

8.3 List of Tables & Figures

8.4 Primary Insights

8.5 Data Pack

8.6 Glossary of Terms

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