

## **China Agricultural Biologicals - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)**

Market Report | 2025-04-28 | 217 pages | Mordor Intelligence

### **AVAILABLE LICENSES:**

- Single User License \$4750.00
- Team License (1-7 Users) \$5250.00
- Site License \$6500.00
- Corporate License \$8750.00

### **Report description:**

The China Agricultural Biologicals Market size is estimated at 5.01 billion USD in 2025, and is expected to reach 8.13 billion USD by 2030, growing at a CAGR of 10.16% during the forecast period (2025-2030).

- Crop nutrition inputs accounted for about 87.1% of the Chinese agricultural biologicals market in 2022. In the crop nutrition segment, organic fertilizers are the most consumed biological inputs in the country. The dominance of organic fertilizers is mainly due to their application in bulk quantities both in organic and conventional farming.
- Manure dominates the country's organic fertilizers market, valued at USD 1.42 billion in 2022. Manure is conventionally used as a primary fertilizer both in organic and non-organic cultivation and is known to increase organic matter and carbon content in the soil, which would increase the nutrient uptake of the crop and, thus, the grain yield. The manure segment is followed by the other organic fertilizers segment, which includes fertilizers like fish guano, bat guano, fish emulsion, vermicompost, molasses, and other composted fertilizers. The other organic fertilizers segment was valued at about USD 832.2 million in 2022.
- Biocontrol agents dominated the crop protection segment, with a share of 52.8% in 2022. Macrobia biocontrol agents dominated the Chinese biocontrol agents market, valued at about USD 279.2 million in 2022. The domination of macrobia biocontrol agents is mainly due to their ability to control various pests.
- Predators dominate the macrobia segment of the Chinese biocontrol agents market mainly due to their ability to attack different life stages of pests and even different pest species. They are also voracious feeders compared to other biocontrol agents. The predators sub-segment accounted for about 47.4% of the macrobia segment of the Chinese biocontrol agents market in 2022.

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

## China Agricultural Biologicals 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

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

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 Agricultural Biologicals Industry Overview

The China Agricultural Biologicals Market is fragmented, with the top five companies occupying 1.05%. The major players in this market are Biobest Group NV, Biolchim SPA, Genliduo Bio-tech Corporation Ltd, Sustane Natural Fertilizer Inc. and Valent Biosciences LLC (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 China

##### 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 Function

###### 5.1.1 Crop Nutrition

###### 5.1.1.1 Biofertilizer

###### 5.1.1.1.1 Azospirillum

###### 5.1.1.1.2 Azotobacter

###### 5.1.1.1.3 Mycorrhiza

###### 5.1.1.1.4 Phosphate Solubilizing Bacteria

###### 5.1.1.1.5 Rhizobium

###### 5.1.1.1.6 Other Biofertilizers

###### 5.1.1.2 Biostimulants

###### 5.1.1.2.1 Amino Acids

###### 5.1.1.2.2 Fulvic Acid

###### 5.1.1.2.3 Humic Acid

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 5.1.1.2.4 Protein Hydrolysates
- 5.1.1.2.5 Seaweed Extracts
- 5.1.1.2.6 Other Biostimulants
- 5.1.1.3 Organic Fertilizer
  - 5.1.1.3.1 Manure
  - 5.1.1.3.2 Meal Based Fertilizers
  - 5.1.1.3.3 Oilcakes
  - 5.1.1.3.4 Other Organic Fertilizers
- 5.1.2 Crop Protection
  - 5.1.2.1 Biocontrol Agents
    - 5.1.2.1.1 Macrobiales
    - 5.1.2.1.2 Microbiales
  - 5.1.2.2 Biopesticides
    - 5.1.2.2.1 Biofungicides
    - 5.1.2.2.2 Bioherbicides
    - 5.1.2.2.3 Bioinsecticides
    - 5.1.2.2.4 Other Biopesticides
- 5.2 Crop Type
  - 5.2.1 Cash Crops
  - 5.2.2 Horticultural Crops
  - 5.2.3 Row Crops

## 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 Biobest Group NV
  - 6.4.2 Biolchim SPA
  - 6.4.3 Genliduo Bio-tech Corporation Ltd
  - 6.4.4 Haifa Group
  - 6.4.5 Henan Jiyuan Baiyun Industry Co. Ltd
  - 6.4.6 Novozymes
  - 6.4.7 Shandong Sukahan Bio-Technology Co. Ltd
  - 6.4.8 Sustane Natural Fertilizer Inc.
  - 6.4.9 Trade Corporation International
  - 6.4.10 Valent Biosciences LLC

## 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)

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 8.2 Sources & References
- 8.3 List of Tables & Figures
- 8.4 Primary Insights
- 8.5 Data Pack
- 8.6 Glossary of Terms

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

Market Report | 2025-04-28 | 217 pages | Mordor Intelligence

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

**ORDER FORM:**

Select license	License	Price
	Single User License	\$4750.00
	Team License (1-7 Users)	\$5250.00
	Site License	\$6500.00
	Corporate License	\$8750.00
		VAT
		Total

\*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

\*\* VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-03"/>
		Signature	

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

