

## **Asia-Pacific Biocontrol Agents - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2017 - 2029**

Market Report | 2023-04-26 | 180 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 Asia-Pacific Biocontrol Agents Market size is estimated at USD 2.51 billion in 2024, and is expected to reach USD 3.37 billion by 2029, growing at a CAGR of 6.07% during the forecast period (2024-2029).

#### Key Highlights

- Macrobiology is the Largest Form : Predators, parasitoids, and entomopathogenic nematodes are the commonly used macrobials in the region. Predators dominated the macrobials market with a share of 87.1% in 2022.
- Microbiology is the Fastest-growing Form : The microbial biocontrol agents can easily be multiplied for commercial purposes in laboratories and have higher ease of application compared to macrobial biocontrol agents.
- Row Crops is the Largest Crop Type : The dominance of row crops in biocontrol market is mostly due to their extensive organic cultivation area, which in 2022 accounted for 67.5% of all organic area in the region.
- India is the Largest Country : The microbials dominated India's biocontrol agents market with a share of 60.1% in 2022. The most commercially exploited microbials are Beauveria bassiana and Trichoderma.

#### Asia-Pacific Biocontrol Agents Market Trends

##### Macrobiology is the largest Form

- Predators dominated the macrobials segment with a market share of 90.6% in 2022. The dominance of the predators segment in the overall biocontrol agents market is mainly due to their ability to attack different life stages of pests and even different pest

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

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

www.scotts-international.com

species, as they are more voracious feeders than other biocontrol agents.

- Many predatory arthropods, including lady beetles, lacewing larvae, and mites, are agile and ferocious hunters. They actively stalk their prey on the ground or in vegetation. Other hunters, such as dragonflies and robber flies, catch their prey in flight. In contrast, ambushers patiently sit and wait for mobile prey. Praying mantids, for example, are usually well camouflaged and use the element of surprise to nab their unsuspecting victims.
- The microbial biocontrol agents market accounted for 0.1% in the year 2022. The microbial biocontrol agents can easily be multiplied for commercial purposes in laboratories and have higher ease of application compared to macrobial biocontrol agents.
- Fungal biocontrol agents accounted for 31.0% of the microbial segment of the Asia-Pacific biocontrol agents market in 2022. The most commercially exploited fungal species as biocontrol agents are *Beauveria bassiana* and *Trichoderma viride*. *Beauveria bassiana* is a fungus that is used against a wide range of pests, and *Trichoderma viride* is used to control a wide range of plant diseases by paralyzing the harmful disease-causing fungi.
- Bacterial biocontrol agents accounted for 28.9% of the Asia-Pacific microbials market in 2022. Some of the most intensively studied are bacteria belonging to the genus *Pseudomonas* spp., *Bacillus* spp., and *Streptomyces* spp., which have already been registered as commercial products.

India is the largest Country

- The Asia-Pacific biocontrol agents market is growing rapidly, dominated by India, which held a market share of 51.0% in 2022. The microbial biocontrol agents segment accounted for 60.1% of the Asia-Pacific market in the same year. They are popular since they can be easily multiplied for commercial purposes in laboratories and have higher ease of application than macrobial biocontrol agents. The microbial segment is projected to witness a CAGR of 8.4% during the forecast period.
- The dominance of row crop cultivation in the region, accounting for about 67.5% of the total organic cultivation area in the Asia-Pacific region in 2022, led to them recording consumption of 82.7% of the market by value in the same year. Rice, cassava, corn, soybean, sugarcane, coconut, and rubber are major crops cultivated in the region.
- China holds the second-largest share in the Asia-Pacific biocontrol agents market, accounting for a share of 42.3% in 2022. The Chinese government's initiatives to decrease the overall use of chemical pesticides and development plans for local organic agriculture by municipal governments at all levels are helping boost the Chinese biological controls market. In addition, incentives have been introduced to encourage producers to switch to organic farming. These factors may further drive the biocontrol agents market in the country during the forecast period.
- The Asia-Pacific biocontrol agents market represents significant growth opportunities for businesses and investors. With the increasing demand for organic products and various government and non-government initiatives to promote organic farming, the Asia-Pacific biocontrol agents market is projected to witness a CAGR of 8.4% during the forecast period (2023-2029).

#### Asia-Pacific Biocontrol Agents Industry Overview

The Asia-Pacific Biocontrol Agents Market is fragmented, with the top five companies occupying 2.52%. The major players in this market are Biobest Group NV, Koppert Biological Systems Inc., Samriddhi Crops India Pvt Ltd, Sonkul Agro Industries and T.Stanes and Company Limited (sorted alphabetically).

Additional Benefits:

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

#### Table of Contents:

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

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

www.scotts-international.com

## 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

### 4.4 Value Chain & Distribution Channel Analysis

## 5 MARKET SEGMENTATION

### 5.1 Form

#### 5.1.1 Macrobials

##### 5.1.1.1 By Organism

###### 5.1.1.1.1 Entamopathogenic Nematodes

###### 5.1.1.1.2 Parasitoids

###### 5.1.1.1.3 Predators

#### 5.1.2 Microbials

##### 5.1.2.1 By Organism

###### 5.1.2.1.1 Bacterial Biocontrol Agents

###### 5.1.2.1.2 Fungal Biocontrol Agents

###### 5.1.2.1.3 Other Microbials

### 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

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

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

www.scotts-international.com

- 6.4.1 Andermatt Group AG
- 6.4.2 Biobest Group NV
- 6.4.3 Henan Jiyuan Baiyun Industry Co. Ltd
- 6.4.4 KN Bio Sciences India Pvt. Ltd
- 6.4.5 Koppert Biological Systems Inc.
- 6.4.6 Samriddhi Crops India Pvt Ltd
- 6.4.7 Sonkul Agro Industries
- 6.4.8 T.Stanes and Company Limited

## 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

**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)

**Asia-Pacific Biocontrol Agents - Market Share Analysis, Industry Trends & Statistics,  
Growth Forecasts 2017 - 2029**

Market Report | 2023-04-26 | 180 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="2026-02-26"/>
		Signature	

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

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

www.scotts-international.com

