

## **Biofertilizer - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2017 - 2029**

Market Report | 2023-04-26 | 319 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 Biofertilizer Market size is estimated at USD 3.27 billion in 2024, and is expected to reach USD 5.23 billion by 2029, growing at a CAGR of 9.85% during the forecast period (2024-2029).

#### Key Highlights

- Mycorrhiza is the Largest Form. Mycorrhiza, also referred to as Arbuscular mycorrhizal fungi (AMF), was proven to increase crop yields significantly. It is the most consumed biofertilizer globally.
- Rhizobium is the Fastest-growing Form. Rhizobium is the most important nitrogen-fixing bacterium that exists in a symbiotic relationship with plants and lives in the root nodules of leguminous plants.
- Row Crops is the Largest Crop Type. The major row crops grown around the world include rice, barley, corn, wheat, rapeseed, rye, soybean, etc. and they accounted for 74.6% of biofertilizer consumption in 2022.
- North America is the Largest Region. The area under cultivation of organic crops in the region had increased by 13.5% during the historic period from 1.4 million hectares in 2017 to 1.6 million hectares in 2021.

#### Biofertilizer Market Trends

Mycorrhiza is the largest Form

- Biofertilizers are living microorganisms that can enhance plant nutrition by either mobilizing or increasing nutrient availability in soils. The most common microorganisms used as biofertilizers in agriculture include mycorrhiza, Azospirillum, Azotobacter,

**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)

Rhizobium, and phosphate-solubilizing bacteria.

- Among these, mycorrhiza is the most consumed biofertilizer globally. It accounted for 36.3% of the biofertilizer segment in 2022, with a market value of USD 995.3 million and a volume of 96.6 thousand metric tons. Mycorrhiza increases the root surface area of plants, thus enhancing their nutrient uptake.
- Rhizobium is the second most consumed biofertilizer globally. It accounted for 24.8% of the biofertilizer segment in 2022. North America dominated the rhizobium sub-segment with a market share of 52.7% in the same year. Row crops dominated the rhizobium sub-segment in North America, accounting for 62.4% in 2022. Rhizobium has a symbiotic association with leguminous crops, a category of row crops. Thus, row crops dominated the rhizobium sub-segment. North America also has a large cultivation area of row crops. The rhizobium sub-segment in the North American row crops market is anticipated to record a CAGR of 10.5% during the forecast period.
- Azospirillum accounted for 16.8% of the biofertilizer segment. North America dominated the Azospirillum sub-segment, accounting for 46.4% in 2022. The market value increased by about 57.8% during the historic period.
- Thus, the biofertilizer segment of the global agricultural biologicals market is expected to grow in the coming years as more farmers seek sustainable and eco-friendly solutions to improve crop yields and soil health.

North America is the largest Region

- Biofertilizers are living microorganisms that have the ability to enhance plant nutrition by either mobilizing or increasing nutrient availability in soils. North America and Europe are the major consumers of biofertilizers in the world.
- North America accounted for 35.9% of the global biofertilizer market in 2022. The area under cultivation of organic crops in the region increased by 13.5% during the historical period, from 1.4 million hectares in 2017 to 1.6 million hectares in 2021. The demand for organic food in the region is growing rapidly, with an average per capita spending on organic food products in North America at USD 109.7 in 2021.
- The European region accounted for 31.9% in 2022 and stood as the second-largest consumer of biofertilizers. Europe had the largest area under organic farming in the world, with 6.5 million hectares in 2021. The European Commission has unveiled an action plan to increase the organic area in the member countries to occupy 25.0% of the region's agricultural land area by 2030. This factor is further expected to drive the market for biofertilizers in the region.
- The Asia-Pacific region is a leading producer of organic crops such as rice, sugarcane, and fruits and vegetables. China and India are emerging leaders, although organic farming only accounts for a small portion of their total agricultural area. The organic farming area in the region grew from 2017 to 2021, and this trend is expected to drive growth in the biofertilizer market.
- The increasing organic crop area and increasing demand for organic commodities across the world, particularly in regions like Europe and North America, may drive the demand for biofertilizers during the forecast period.

## Biofertilizer Industry Overview

The Biofertilizer Market is fragmented, with the top five companies occupying 21.97%. The major players in this market are Gujarat State Fertilizers & Chemicals Ltd, Indian Farmers Fertiliser Cooperative Limited, Koppert Biological Systems Inc., Symborg Inc. 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 Azospirillum

#### 5.1.2 Azotobacter

#### 5.1.3 Mycorrhiza

#### 5.1.4 Phosphate Solubilizing Bacteria

#### 5.1.5 Rhizobium

#### 5.1.6 Other Biofertilizers

### 5.2 Crop Type

#### 5.2.1 Cash Crops

#### 5.2.2 Horticultural Crops

#### 5.2.3 Row Crops

### 5.3 Region

#### 5.3.1 Africa

##### 5.3.1.1 By Country

###### 5.3.1.1.1 Egypt

###### 5.3.1.1.2 Nigeria

###### 5.3.1.1.3 South Africa

###### 5.3.1.1.4 Rest of Africa

#### 5.3.2 Asia-Pacific

##### 5.3.2.1 By Country

###### 5.3.2.1.1 Australia

###### 5.3.2.1.2 China

###### 5.3.2.1.3 India

###### 5.3.2.1.4 Indonesia

###### 5.3.2.1.5 Japan

###### 5.3.2.1.6 Philippines

###### 5.3.2.1.7 Thailand

###### 5.3.2.1.8 Vietnam

###### 5.3.2.1.9 Rest of Asia-Pacific

#### 5.3.3 Europe

##### 5.3.3.1 By Country

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

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

www.scotts-international.com

- 5.3.3.1.1 France
- 5.3.3.1.2 Germany
- 5.3.3.1.3 Italy
- 5.3.3.1.4 Netherlands
- 5.3.3.1.5 Russia
- 5.3.3.1.6 Spain
- 5.3.3.1.7 Turkey
- 5.3.3.1.8 United Kingdom
- 5.3.3.1.9 Rest of Europe
- 5.3.4 Middle East
  - 5.3.4.1 By Country
    - 5.3.4.1.1 Iran
    - 5.3.4.1.2 Saudi Arabia
    - 5.3.4.1.3 Rest of Middle East
- 5.3.5 North America
  - 5.3.5.1 By Country
    - 5.3.5.1.1 Canada
    - 5.3.5.1.2 Mexico
    - 5.3.5.1.3 United States
    - 5.3.5.1.4 Rest of North America
- 5.3.6 South America
  - 5.3.6.1 By Country
    - 5.3.6.1.1 Argentina
    - 5.3.6.1.2 Brazil
    - 5.3.6.1.3 Rest of South America

## 6 COMPETITIVE LANDSCAPE

- 6.1 Key Strategic Moves
- 6.2 Market Share Analysis
- 6.3 Company Landscape
- 6.4 Company Profiles
  - 6.4.1 Andermatt Group AG
  - 6.4.2 Atlantica Agricola
  - 6.4.3 Binzhou Jingyang Biological Fertilizer Co. Ltd
  - 6.4.4 Biostadt India Limited
  - 6.4.5 Ficosterra
  - 6.4.6 Gujarat State Fertilizers & Chemicals Ltd
  - 6.4.7 Indian Farmers Fertiliser Cooperative Limited
  - 6.4.8 Indogulf BioAg LLC (Biotech Division of Indogulf Company)
  - 6.4.9 IPL Biologicals Limited
  - 6.4.10 Kiwa Bio-Tech
  - 6.4.11 Koppert Biological Systems Inc.
  - 6.4.12 Microbial Biological Fertilizers International
  - 6.4.13 Sustane Natural Fertilizer Inc.
  - 6.4.14 Symborg Inc.
  - 6.4.15 T.Stanes and Company Limited

**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)

## 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)

**Biofertilizer - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts  
2017 - 2029**

Market Report | 2023-04-26 | 319 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

