

Agricultural Microbial Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

<https://marketpublishers.com/r/A1205C20CA6DEN.html>

Date: March 2023

Pages: 147

Price: US\$ 2,499.00 (Single User License)

ID: A1205C20CA6DEN

Abstracts

Market Overview:

The global agricultural microbial market size reached US\$ 8.6 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 17.3 Billion by 2028, exhibiting a growth rate (CAGR) of 11.8% during 2023-2028.

Agricultural microbials are microorganisms that are used in various agricultural practices to improve crop productivity and quality of yield. They comprise bacteria, archaea, yeasts, molds, algae, protozoa, and viruses. They enhance the ability of crops to resist temperature, ultraviolet (UV) radiation, salinity, floods, drought, and damage caused by insects, herbivores, nematodes, fungi, bacteria, or weeds. They assist in increasing rhizobacterial promotion of plant growth by providing various nutrients, such as phosphorous and nitrogen. They also aid in balancing plant hormones, producing stress-protective compounds, and reducing various plant diseases. In addition, agricultural microbials are widely used to maintain fertility and improve the quality of the soil.

Agricultural Microbial Market Trends:

The growing awareness among the masses about the benefits of using agricultural microbials in farming, such as the decomposition of organic matter, recycling of old agricultural material, and improving plant health, represents one of the key factors driving the market. Besides this, there is a rise in the demand for sustainable agricultural practices to maintain soil quality, reduce soil erosion, and preserve fresh water. This, along with the burgeoning agriculture industry, is contributing to the growth of the market. In addition, the escalating demand for organic farming to reduce the risk

of environmental pollution and greenhouse gas emissions is offering lucrative growth opportunities to industry investors. Moreover, increasing investments by key market players to introduce automated greenhouse facilities with the most innovative, sustainable, and technically advanced crop protection solutions are positively influencing the market. Apart from this, the rising demand for the liquid formulation of agricultural microbials due to their ease of application is propelling the growth of the market. Additionally, the escalating demand for agricultural microbials to enhance nitrogen fixation, promotion of shoot and root growth, and disease control in plants are bolstering the growth of the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global agricultural microbial market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on type, formulation, application method, function and crop type.

Breakup by Type:

- Bacteria
- Fungi
- Virus
- Others

Breakup by Formulation:

- Dry
- Liquid

Breakup by Application Method:

- Soil Amendment
- Crop Protection

Breakup by Function:

- Foliar Spray
- Soil Treatment
- Seed Treatment

Others

Breakup by Crop Type:

Cereals

Oilseeds and Pulses

Fruits and Vegetables

Others

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the

profiles of the key players being AgBiome, BASF SE, Bayer AG, Cargill Incorporated, Certis USA LLC, Chr. Hansen A/S, DuPont de Nemours Inc., Koppert Biological Systems, Marrone Bio Innovations (Bioceres Crop Solutions), Novozymes A/S (Novo Holdings A/S), Nufarm Limited, Sumitomo Chemical Co. Ltd. and Syngenta AG.

Key Questions Answered in This Report

1. What was the size of the global agricultural microbial market in 2022?
2. What is the expected growth rate of the global agricultural microbial market during 2023-2028?
3. What are the key factors driving the global agricultural microbial market?
4. What has been the impact of COVID-19 on the global agricultural microbial market?
5. What is the breakup of the global agricultural microbial market based on the type?
6. What is the breakup of the global agricultural microbial market based on the formulation?
7. What is the breakup of the global agricultural microbial market based on the application method?
8. What is the breakup of the global agricultural microbial market based on the function?
9. What are the key regions in the global agricultural microbial market?
10. Who are the key players/companies in the global agricultural microbial market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL AGRICULTURAL MICROBIAL MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY TYPE

- 6.1 Bacteria
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Fungi
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Virus

- 6.3.1 Market Trends
- 6.3.2 Market Forecast
- 6.4 Others
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast

7 MARKET BREAKUP BY FORMULATION

- 7.1 Dry
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Liquid
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast

8 MARKET BREAKUP BY APPLICATION METHOD

- 8.1 Soil Amendment
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Crop Protection
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast

9 MARKET BREAKUP BY FUNCTION

- 9.1 Foliar Spray
 - 9.1.1 Market Trends
 - 9.1.2 Market Forecast
- 9.2 Soil Treatment
 - 9.2.1 Market Trends
 - 9.2.2 Market Forecast
- 9.3 Seed Treatment
 - 9.3.1 Market Trends
 - 9.3.2 Market Forecast
- 9.4 Others
 - 9.4.1 Market Trends
 - 9.4.2 Market Forecast

10 MARKET BREAKUP BY CROP TYPE

10.1 Cereals

10.1.1 Market Trends

10.1.2 Market Forecast

10.2 Oilseeds and Pulses

10.2.1 Market Trends

10.2.2 Market Forecast

10.3 Fruits and Vegetables

10.3.1 Market Trends

10.3.2 Market Forecast

10.4 Others

10.4.1 Market Trends

10.4.2 Market Forecast

11 MARKET BREAKUP BY REGION

11.1 North America

11.1.1 United States

11.1.1.1 Market Trends

11.1.1.2 Market Forecast

11.1.2 Canada

11.1.2.1 Market Trends

11.1.2.2 Market Forecast

11.2 Asia-Pacific

11.2.1 China

11.2.1.1 Market Trends

11.2.1.2 Market Forecast

11.2.2 Japan

11.2.2.1 Market Trends

11.2.2.2 Market Forecast

11.2.3 India

11.2.3.1 Market Trends

11.2.3.2 Market Forecast

11.2.4 South Korea

11.2.4.1 Market Trends

11.2.4.2 Market Forecast

11.2.5 Australia

11.2.5.1 Market Trends

- 11.2.5.2 Market Forecast
- 11.2.6 Indonesia
 - 11.2.6.1 Market Trends
 - 11.2.6.2 Market Forecast
- 11.2.7 Others
 - 11.2.7.1 Market Trends
 - 11.2.7.2 Market Forecast
- 11.3 Europe
 - 11.3.1 Germany
 - 11.3.1.1 Market Trends
 - 11.3.1.2 Market Forecast
 - 11.3.2 France
 - 11.3.2.1 Market Trends
 - 11.3.2.2 Market Forecast
 - 11.3.3 United Kingdom
 - 11.3.3.1 Market Trends
 - 11.3.3.2 Market Forecast
 - 11.3.4 Italy
 - 11.3.4.1 Market Trends
 - 11.3.4.2 Market Forecast
 - 11.3.5 Spain
 - 11.3.5.1 Market Trends
 - 11.3.5.2 Market Forecast
 - 11.3.6 Russia
 - 11.3.6.1 Market Trends
 - 11.3.6.2 Market Forecast
 - 11.3.7 Others
 - 11.3.7.1 Market Trends
 - 11.3.7.2 Market Forecast
- 11.4 Latin America
 - 11.4.1 Brazil
 - 11.4.1.1 Market Trends
 - 11.4.1.2 Market Forecast
 - 11.4.2 Mexico
 - 11.4.2.1 Market Trends
 - 11.4.2.2 Market Forecast
 - 11.4.3 Others
 - 11.4.3.1 Market Trends
 - 11.4.3.2 Market Forecast

11.5 Middle East and Africa

11.5.1 Market Trends

11.5.2 Market Breakup by Country

11.5.3 Market Forecast

12 SWOT ANALYSIS

12.1 Overview

12.2 Strengths

12.3 Weaknesses

12.4 Opportunities

12.5 Threats

13 VALUE CHAIN ANALYSIS

14 PORTERS FIVE FORCES ANALYSIS

14.1 Overview

14.2 Bargaining Power of Buyers

14.3 Bargaining Power of Suppliers

14.4 Degree of Competition

14.5 Threat of New Entrants

14.6 Threat of Substitutes

15 PRICE ANALYSIS

16 COMPETITIVE LANDSCAPE

16.1 Market Structure

16.2 Key Players

16.3 Profiles of Key Players

16.3.1 AgBiome

16.3.1.1 Company Overview

16.3.1.2 Product Portfolio

16.3.2 BASF SE

16.3.2.1 Company Overview

16.3.2.2 Product Portfolio

16.3.2.3 Financials

16.3.2.4 SWOT Analysis

- 16.3.3 Bayer AG
 - 16.3.3.1 Company Overview
 - 16.3.3.2 Product Portfolio
 - 16.3.3.3 Financials
 - 16.3.3.4 SWOT Analysis
- 16.3.4 Cargill Incorporated
 - 16.3.4.1 Company Overview
 - 16.3.4.2 Product Portfolio
 - 16.3.4.3 SWOT Analysis
- 16.3.5 Certis USA LLC
 - 16.3.5.1 Company Overview
 - 16.3.5.2 Product Portfolio
- 16.3.6 Chr. Hansen A/S
 - 16.3.6.1 Company Overview
 - 16.3.6.2 Product Portfolio
- 16.3.7 DuPont de Nemours Inc.
 - 16.3.7.1 Company Overview
 - 16.3.7.2 Product Portfolio
 - 16.3.7.3 Financials
 - 16.3.7.4 SWOT Analysis
- 16.3.8 Koppert Biological Systems
 - 16.3.8.1 Company Overview
 - 16.3.8.2 Product Portfolio
- 16.3.9 Marrone Bio Innovations (Bioceres Crop Solutions)
 - 16.3.9.1 Company Overview
 - 16.3.9.2 Product Portfolio
- 16.3.10 Novozymes A/S (Novo Holdings A/S)
 - 16.3.10.1 Company Overview
 - 16.3.10.2 Product Portfolio
 - 16.3.10.3 Financials
 - 16.3.10.4 SWOT Analysis
- 16.3.11 Nufarm Limited
 - 16.3.11.1 Company Overview
 - 16.3.11.2 Product Portfolio
 - 16.3.11.3 Financials
 - 16.3.11.4 SWOT Analysis
- 16.3.12 Sumitomo Chemical Co. Ltd.
 - 16.3.12.1 Company Overview
 - 16.3.12.2 Product Portfolio

16.3.12.3 Financials

16.3.12.4 SWOT Analysis

16.3.13 Syngenta AG

16.3.13.1 Company Overview

16.3.13.2 Product Portfolio

16.3.13.3 SWOT Analysis

List Of Tables

LIST OF TABLES

Table 1: Global: Agricultural Microbial Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Agricultural Microbial Market Forecast: Breakup by Type (in Million US\$), 2023-2028

Table 3: Global: Agricultural Microbial Market Forecast: Breakup by Formulation (in Million US\$), 2023-2028

Table 4: Global: Agricultural Microbial Market Forecast: Breakup by Application Method (in Million US\$), 2023-2028

Table 5: Global: Agricultural Microbial Market Forecast: Breakup by Function (in Million US\$), 2023-2028

Table 6: Global: Agricultural Microbial Market Forecast: Breakup by Crop Type (in Million US\$), 2023-2028

Table 7: Global: Agricultural Microbial Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 8: Global: Agricultural Microbial Market: Competitive Structure

Table 9: Global: Agricultural Microbial Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Agricultural Microbial Market: Major Drivers and Challenges

Figure 2: Global: Agricultural Microbial Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: Agricultural Microbial Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 4: Global: Agricultural Microbial Market: Breakup by Type (in %), 2022

Figure 5: Global: Agricultural Microbial Market: Breakup by Formulation (in %), 2022

Figure 6: Global: Agricultural Microbial Market: Breakup by Application Method (in %), 2022

Figure 7: Global: Agricultural Microbial Market: Breakup by Function (in %), 2022

Figure 8: Global: Agricultural Microbial Market: Breakup by Crop Type (in %), 2022

Figure 9: Global: Agricultural Microbial Market: Breakup by Region (in %), 2022

Figure 10: Global: Agricultural Microbial (Bacteria) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 11: Global: Agricultural Microbial (Bacteria) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 12: Global: Agricultural Microbial (Fungi) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 13: Global: Agricultural Microbial (Fungi) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 14: Global: Agricultural Microbial (Virus) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 15: Global: Agricultural Microbial (Virus) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 16: Global: Agricultural Microbial (Other Types) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 17: Global: Agricultural Microbial (Other Types) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 18: Global: Agricultural Microbial (Dry) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 19: Global: Agricultural Microbial (Dry) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 20: Global: Agricultural Microbial (Liquid) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 21: Global: Agricultural Microbial (Liquid) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 22: Global: Agricultural Microbial (Soil Amendment) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 23: Global: Agricultural Microbial (Soil Amendment) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 24: Global: Agricultural Microbial (Crop Protection) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 25: Global: Agricultural Microbial (Crop Protection) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 26: Global: Agricultural Microbial (Foliar Spray) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 27: Global: Agricultural Microbial (Foliar Spray) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 28: Global: Agricultural Microbial (Soil Treatment) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 29: Global: Agricultural Microbial (Soil Treatment) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 30: Global: Agricultural Microbial (Seed Treatment) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 31: Global: Agricultural Microbial (Seed Treatment) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 32: Global: Agricultural Microbial (Other Functions) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 33: Global: Agricultural Microbial (Other Functions) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 34: Global: Agricultural Microbial (Cereals) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 35: Global: Agricultural Microbial (Cereals) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 36: Global: Agricultural Microbial (Oilseeds and Pulses) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 37: Global: Agricultural Microbial (Oilseeds and Pulses) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 38: Global: Agricultural Microbial (Fruits and Vegetables) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 39: Global: Agricultural Microbial (Fruits and Vegetables) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 40: Global: Agricultural Microbial (Other Crop Types) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 41: Global: Agricultural Microbial (Other Crop Types) Market Forecast: Sales

Value (in Million US\$), 2023-2028

Figure 42: North America: Agricultural Microbial Market: Sales Value (in Million US\$), 2017 & 2022

Figure 43: North America: Agricultural Microbial Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 44: United States: Agricultural Microbial Market: Sales Value (in Million US\$), 2017 & 2022

Figure 45: United States: Agricultural Microbial Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 46: Canada: Agricultural Microbial Market: Sales Value (in Million US\$), 2017 & 2022

Figure 47: Canada: Agricultural Microbial Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 48: Asia-Pacific: Agricultural Microbial Market: Sales Value (in Million US\$), 2017 & 2022

Figure 49: Asia-Pacific: Agricultural Microbial Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 50: China: Agricultural Microbial Market: Sales Value (in Million US\$), 2017 & 2022

Figure 51: China: Agricultural Microbial Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 52: Japan: Agricultural Microbial Market: Sales Value (in Million US\$), 2017 & 2022

Figure 53: Japan: Agricultural Microbial Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 54: India: Agricultural Microbial Market: Sales Value (in Million US\$), 2017 & 2022

Figure 55: India: Agricultural Microbial Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 56: South Korea: Agricultural Microbial Market: Sales Value (in Million US\$), 2017 & 2022

Figure 57: South Korea: Agricultural Microbial Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 58: Australia: Agricultural Microbial Market: Sales Value (in Million US\$), 2017 & 2022

Figure 59: Australia: Agricultural Microbial Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 60: Indonesia: Agricultural Microbial Market: Sales Value (in Million US\$), 2017 & 2022

Figure 61: Indonesia: Agricultural Microbial Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 62: Others: Agricultural Microbial Market: Sales Value (in Million US\$), 2017 & 2022

Figure 63: Others: Agricultural Microbial Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 64: Europe: Agricultural Microbial Market: Sales Value (in Million US\$), 2017 & 2022

Figure 65: Europe: Agricultural Microbial Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 66: Germany: Agricultural Microbial Market: Sales Value (in Million US\$), 2017 & 2022

Figure 67: Germany: Agricultural Microbial Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 68: France: Agricultural Microbial Market: Sales Value (in Million US\$), 2017 & 2022

Figure 69: France: Agricultural Microbial Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 70: United Kingdom: Agricultural Microbial Market: Sales Value (in Million US\$), 2017 & 2022

Figure 71: United Kingdom: Agricultural Microbial Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 72: Italy: Agricultural Microbial Market: Sales Value (in Million US\$), 2017 & 2022

Figure 73: Italy: Agricultural Microbial Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 74: Spain: Agricultural Microbial Market: Sales Value (in Million US\$), 2017 & 2022

Figure 75: Spain: Agricultural Microbial Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 76: Russia: Agricultural Microbial Market: Sales Value (in Million US\$), 2017 & 2022

Figure 77: Russia: Agricultural Microbial Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 78: Others: Agricultural Microbial Market: Sales Value (in Million US\$), 2017 & 2022

Figure 79: Others: Agricultural Microbial Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 80: Latin America: Agricultural Microbial Market: Sales Value (in Million US\$), 2017 & 2022

Figure 81: Latin America: Agricultural Microbial Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 82: Brazil: Agricultural Microbial Market: Sales Value (in Million US\$), 2017 & 2022

Figure 83: Brazil: Agricultural Microbial Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 84: Mexico: Agricultural Microbial Market: Sales Value (in Million US\$), 2017 & 2022

Figure 85: Mexico: Agricultural Microbial Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 86: Others: Agricultural Microbial Market: Sales Value (in Million US\$), 2017 & 2022

Figure 87: Others: Agricultural Microbial Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 88: Middle East and Africa: Agricultural Microbial Market: Sales Value (in Million US\$), 2017 & 2022

Figure 89: Middle East and Africa: Agricultural Microbial Market: Breakup by Country (in %), 2022

Figure 90: Middle East and Africa: Agricultural Microbial Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 91: Global: Agricultural Microbial Industry: SWOT Analysis

Figure 92: Global: Agricultural Microbial Industry: Value Chain Analysis

Figure 93: Global: Agricultural Microbial Industry: Porter's Five Forces Analysis

I would like to order

Product name: Agricultural Microbial Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Product link: <https://marketpublishers.com/r/A1205C20CA6DEN.html>

Price: US\$ 2,499.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A1205C20CA6DEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

