

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

<https://marketpublishers.com/r/A8DACB8572FBEN.html>

Date: November 2023

Pages: 146

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

ID: A8DACB8572FBEN

Abstracts

The global agricultural enzymes market size reached US\$ 399.2 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 723.1 Million by 2028, exhibiting a growth rate (CAGR) of 10.4% during 2022-2028.

Agricultural enzymes are biological catalysts that accelerate chemical reactions for unblocking the nutrients present in the soil. These enzymes help increase the plant yield and quality by detoxifying the soil that has been processed with pesticides, herbicides and chemical fertilizers. As they also neutralize both acid and alkaline soils, agricultural enzymes are extensively employed in the bioprocessing of fibers, enzyme-assisted silage fermentation, processing of crops and crop residues and the production of various animal feed supplements.

The escalating demand for organic food on account of the increasing awareness among individuals about the hazardous impact of pesticides represents one of the significant factors propelling the growth of the naturally sourced agrochemicals across the globe. Apart from this, the rising concerns about food and environment safety have led to the implementation of stringent regulations. These regulations are impelling farmers to adopt bio-based chemicals in place of their chemical counterparts. This, in turn, is positively influencing the sales of agricultural enzymes. Furthermore, the leading players are focusing on the development of technologies that assist in producing these enzymes using microorganisms. Microorganisms used in the production of agricultural enzymes grow in closed steel tanks that contain nutrients, including sugar, starch, soy and corn. Besides this, some of these players are also using gene engineering technology to make the enzymes more efficient. Additionally, the increasing global population, in confluence with the inflating disposable incomes, is anticipated to fuel the growth of the market in the upcoming years.

Key Market Segmentation:

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

Breakup by Enzyme Type:

Phosphatases

Dehydrogenases

Sulfatases

Proteases

Others

Breakup by Product Type:

Soil Fertility Products

Control Products

Growth Enhancing Products

Breakup by Crop Type:

Cereals and Grains

Oilseeds and Pulses

Fruits and Vegetables

Turf and Ornamentals

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 report has also analysed the competitive landscape of the market with some of the key players being AB Enzymes GmbH (Associated British Foods Plc), Agrinos Inc. (Agrinos AS), Aries Agro Ltd., BASF SE, Bayer Aktiengesellschaft, Bioworks Inc., Deepak Fertilisers and Petrochemicals Corporation Limited, Dupont De Nemours Inc., Stoller Group Inc. and Syngenta AG (China National Chemical Corporation Limited).

Key Questions Answered in This Report:

How has the global agricultural enzymes market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global agricultural enzymes market?

What are the key regional markets?

What is the breakup of the market based on the enzyme type?

What is the breakup of the market based on the product type?

What is the breakup of the market based on the crop type?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global agricultural enzymes market and who are the key players?

What is the degree of competition in the industry?

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 ENZYMES MARKET

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

6 MARKET BREAKUP BY ENZYME TYPE

- 6.1 Phosphatases
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Dehydrogenases
 - 6.2.1 Market Trends

- 6.2.2 Market Forecast
- 6.3 Sulfatases
 - 6.3.1 Market Trends
 - 6.3.2 Market Forecast
- 6.4 Proteases
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast
- 6.5 Others
 - 6.5.1 Market Trends
 - 6.5.2 Market Forecast

7 MARKET BREAKUP BY PRODUCT TYPE

- 7.1 Soil Fertility Products
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Control Products
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Growth Enhancing Products
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast

8 MARKET BREAKUP BY CROP TYPE

- 8.1 Cereals and Grains
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Oilseeds and Pulses
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Fruits and Vegetables
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast
- 8.4 Turf and Ornamentals
 - 8.4.1 Market Trends
 - 8.4.2 Market Forecast
- 8.5 Others
 - 8.5.1 Market Trends

8.5.2 Market Forecast

9 MARKET BREAKUP BY REGION

9.1 North America

9.1.1 United States

9.1.1.1 Market Trends

9.1.1.2 Market Forecast

9.1.2 Canada

9.1.2.1 Market Trends

9.1.2.2 Market Forecast

9.2 Asia Pacific

9.2.1 China

9.2.1.1 Market Trends

9.2.1.2 Market Forecast

9.2.2 Japan

9.2.2.1 Market Trends

9.2.2.2 Market Forecast

9.2.3 India

9.2.3.1 Market Trends

9.2.3.2 Market Forecast

9.2.4 South Korea

9.2.4.1 Market Trends

9.2.4.2 Market Forecast

9.2.5 Australia

9.2.5.1 Market Trends

9.2.5.2 Market Forecast

9.2.6 Indonesia

9.2.6.1 Market Trends

9.2.6.2 Market Forecast

9.2.7 Others

9.2.7.1 Market Trends

9.2.7.2 Market Forecast

9.3 Europe

9.3.1 Germany

9.3.1.1 Market Trends

9.3.1.2 Market Forecast

9.3.2 France

9.3.2.1 Market Trends

- 9.3.2.2 Market Forecast
- 9.3.3 United Kingdom
 - 9.3.3.1 Market Trends
 - 9.3.3.2 Market Forecast
- 9.3.4 Italy
 - 9.3.4.1 Market Trends
 - 9.3.4.2 Market Forecast
- 9.3.5 Spain
 - 9.3.5.1 Market Trends
 - 9.3.5.2 Market Forecast
- 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
- 9.3.7 Others
 - 9.3.7.1 Market Trends
 - 9.3.7.2 Market Forecast
- 9.4 Latin America
 - 9.4.1 Brazil
 - 9.4.1.1 Market Trends
 - 9.4.1.2 Market Forecast
 - 9.4.2 Mexico
 - 9.4.2.1 Market Trends
 - 9.4.2.2 Market Forecast
 - 9.4.3 Others
 - 9.4.3.1 Market Trends
 - 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
 - 9.5.1 Market Trends
 - 9.5.2 Market Breakup by Country
 - 9.5.3 Market Forecast

10 SWOT ANALYSIS

- 10.1 Overview
- 10.2 Strengths
- 10.3 Weaknesses
- 10.4 Opportunities
- 10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

- 12.1 Overview
- 12.2 Bargaining Power of Buyers
- 12.3 Bargaining Power of Suppliers
- 12.4 Degree of Competition
- 12.5 Threat of New Entrants
- 12.6 Threat of Substitutes

13 PRICE ANALYSIS

14 COMPETITIVE LANDSCAPE

- 14.1 Market Structure
- 14.2 Key Players
- 14.3 Profiles of Key Players
 - 14.3.1 AB Enzymes GmbH (Associated British Foods plc)
 - 14.3.1.1 Company Overview
 - 14.3.1.2 Product Portfolio
 - 14.3.1.3 Financials
 - 14.3.2 Agrinos Inc. (Agrinos AS)
 - 14.3.2.1 Company Overview
 - 14.3.2.2 Product Portfolio
 - 14.3.3 Aries Agro Ltd.
 - 14.3.3.1 Company Overview
 - 14.3.3.2 Product Portfolio
 - 14.3.3.3 Financials
 - 14.3.4 BASF SE
 - 14.3.4.1 Company Overview
 - 14.3.4.2 Product Portfolio
 - 14.3.4.3 Financials
 - 14.3.4.4 SWOT Analysis
 - 14.3.5 Bayer Aktiengesellschaft
 - 14.3.5.1 Company Overview
 - 14.3.5.2 Product Portfolio

- 14.3.5.3 Financials
- 14.3.5.4 SWOT Analysis
- 14.3.6 Bioworks Inc.
 - 14.3.6.1 Company Overview
 - 14.3.6.2 Product Portfolio
- 14.3.7 Deepak Fertilisers and Petrochemicals Corporation Limited
 - 14.3.7.1 Company Overview
 - 14.3.7.2 Product Portfolio
- 14.3.8 Dupont De Nemours Inc.
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
 - 14.3.8.3 Financials
- 14.3.9 Stoller Group Inc.
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
- 14.3.10 Syngenta AG (China National Chemical Corporation Limited)
 - 14.3.10.1 Company Overview
 - 14.3.10.2 Product Portfolio
 - 14.3.10.3 SWOT Analysis

List Of Tables

LIST OF TABLES

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

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

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

Table 4: Global: Agricultural Enzymes Market Forecast: Breakup by Crop Type (in Million US\$), 2023-2028

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

Table 6: Global: Agricultural Enzymes Market Structure

Table 7: Global: Agricultural Enzymes Market: Key Players

List Of Figures

LIST OF FIGURES

- Figure 1: Global: Agricultural Enzymes Market: Major Drivers and Challenges
- Figure 2: Global: Agricultural Enzymes Market: Sales Value (in Million US\$), 2017-2022
- Figure 3: Global: Agricultural Enzymes Market: Breakup by Enzyme Type (in %), 2022
- Figure 4: Global: Agricultural Enzymes Market: Breakup by Product Type (in %), 2022
- Figure 5: Global: Agricultural Enzymes Market: Breakup by Crop Type (in %), 2022
- Figure 6: Global: Agricultural Enzymes Market: Breakup by Region (in %), 2022
- Figure 7: Global: Agricultural Enzymes Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 8: Global: Agricultural Enzymes (Phosphatases) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 9: Global: Agricultural Enzymes (Phosphatases) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 10: Global: Agricultural Enzymes (Dehydrogenases) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 11: Global: Agricultural Enzymes (Dehydrogenases) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 12: Global: Agricultural Enzymes (Sulfatases) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 13: Global: Agricultural Enzymes (Sulfatases) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 14: Global: Agricultural Enzymes (Proteases) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 15: Global: Agricultural Enzymes (Proteases) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 16: Global: Agricultural Enzymes (Other Enzyme Types) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 17: Global: Agricultural Enzymes (Other Enzyme Types) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 18: Global: Agricultural Enzymes (Soil Fertility Products) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 19: Global: Agricultural Enzymes (Soil Fertility Products) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 20: Global: Agricultural Enzymes (Control Products) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 21: Global: Agricultural Enzymes (Control Products) Market Forecast: Sales

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

Figure 22: Global: Agricultural Enzymes (Growth Enhancing Products) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 23: Global: Agricultural Enzymes (Growth Enhancing Products) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 24: Global: Agricultural Enzymes (Cereals and Grains) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 25: Global: Agricultural Enzymes (Cereals and Grains) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 26: Global: Agricultural Enzymes (Oilseeds and Pulses) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 27: Global: Agricultural Enzymes (Oilseeds and Pulses) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 28: Global: Agricultural Enzymes (Fruits and Vegetables) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 29: Global: Agricultural Enzymes (Fruits and Vegetables) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 30: Global: Agricultural Enzymes (Turf and Ornamentals) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 31: Global: Agricultural Enzymes (Turf and Ornamentals) Market Forecast: Sales Value (in Million US\$), 2023-2028

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

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

Figure 34: North America: Agricultural Enzymes Market: Sales Value (in Million US\$), 2017 & 2022

Figure 35: North America: Agricultural Enzymes Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 36: United States: Agricultural Enzymes Market: Sales Value (in Million US\$), 2017 & 2022

Figure 37: United States: Agricultural Enzymes Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 38: Canada: Agricultural Enzymes Market: Sales Value (in Million US\$), 2017 & 2022

Figure 39: Canada: Agricultural Enzymes Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 40: Asia Pacific: Agricultural Enzymes Market: Sales Value (in Million US\$), 2017 & 2022

Figure 41: Asia Pacific: Agricultural Enzymes Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 42: China: Agricultural Enzymes Market: Sales Value (in Million US\$), 2017 & 2022

Figure 43: China: Agricultural Enzymes Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 44: Japan: Agricultural Enzymes Market: Sales Value (in Million US\$), 2017 & 2022

Figure 45: Japan: Agricultural Enzymes Market Forecast: Sales Value (in Million US\$), 2023-2028

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

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

Figure 48: South Korea: Agricultural Enzymes Market: Sales Value (in Million US\$), 2017 & 2022

Figure 49: South Korea: Agricultural Enzymes Market Forecast: Sales Value (in Million US\$), 2023-2028

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

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

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

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

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

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

Figure 56: Europe: Agricultural Enzymes Market: Sales Value (in Million US\$), 2017 & 2022

Figure 57: Europe: Agricultural Enzymes Market Forecast: Sales Value (in Million US\$), 2023-2028

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

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

Figure 60: France: Agricultural Enzymes Market: Sales Value (in Million US\$), 2017 &

2022

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

Figure 62: United Kingdom: Agricultural Enzymes Market: Sales Value (in Million US\$), 2017 & 2022

Figure 63: United Kingdom: Agricultural Enzymes Market Forecast: Sales Value (in Million US\$), 2023-2028

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

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

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

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

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

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

Figure 70: Others: Agricultural Enzymes Market: Sales Value (in Million US\$), 2017 & 2022

Figure 71: Others: Agricultural Enzymes Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 72: Latin America: Agricultural Enzymes Market: Sales Value (in Million US\$), 2017 & 2022

Figure 73: Latin America: Agricultural Enzymes Market Forecast: Sales Value (in Million US\$), 2023-2028

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

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

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

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

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

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

Figure 80: Middle East and Africa: Agricultural Enzymes Market: Sales Value (in Million US\$), 2017 & 2022

Figure 81: Middle East and Africa: Agricultural Enzymes Market: Breakup by Country (in %), 2022

Figure 82: Middle East and Africa: Agricultural Enzymes Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 83: Global: Agricultural Enzymes Industry: SWOT Analysis

Figure 84: Global: Agricultural Enzymes Industry: Value Chain Analysis

Figure 85: Global: Agricultural Enzymes Industry: Porter's Five Forces Analysis

I would like to order

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

Product link: <https://marketpublishers.com/r/A8DACB8572FBEN.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/A8DACB8572FBEN.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

