

Global Nitrogen-Fixing Biofertilizer Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Nitrogen-Fixing Biofertilizer market size was valued at US\$ 899 million in 2024 and is forecast to a readjusted size of USD 1084 million by 2031 with a CAGR of 2.7% during review period.

Nitrogen-fixing biofertilizers are fertilisers containing microorganisms such as rhizobacteria, actinomycetes, nitrogen-fixing bacteria and nitrogen-fixing spirochetes, which convert nitrogen into organic compounds.

According to the 2022 Statistical Yearbook of the United Nations Agricultural and Food Organization, there are about 866 million people work in agriculture, accounting for more than a quarter of the world's total labor force and creating \$3.6 trillion in added value. According to data, North America was the region with the most fertilizer use in the world in 2021, accounting for 32.6% of the global fertilizer market size. From the perspective of demand, the proportion of micro-fertilizers used in many European countries has reached 45-60%, and the proportion of use in the United States was as high as 60-70%. According to our "Agriculture Research Center", the global fertilizer consumption was nearly 200 million tons in 2022. According to the National Bureau of Statistics, the total output value of China's fertilizer manufacturing industry in 2021 was 618.572 billion yuan, with a year-on-year increase of 5.05%. Global fertilizer consumption in 2021 increased by nearly 12 million tons, which compared to 2020.

This report is a detailed and comprehensive analysis for global Nitrogen-Fixing Biofertilizer market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as

well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Nitrogen-Fixing Biofertilizer market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global Nitrogen-Fixing Biofertilizer market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global Nitrogen-Fixing Biofertilizer market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2020-2031

Global Nitrogen-Fixing Biofertilizer market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2020-2025

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Nitrogen-Fixing Biofertilizer
- To forecast future growth in each product and end-use market
- To forecast future factors affecting the marketplace

This report profiles key players in the global Nitrogen-Fixing Biofertilizer market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Novozymes, RIZOBACTER, Agri Life, Symborg, National Fertilizers Limited, Jinggeng Tianxia, Genliduo Bio-Tech, Indian Agri Farm, Utkarsh Agrochem Pvt.Ltd., Katyayani Organics, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Nitrogen-Fixing Biofertilizer market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Liquid Fertilizers

Solid Fertilizers

Market segment by Application

Seed Treatment

Soil Treatment

Others

Major players covered

Novozymes

RIZOACTER

Agri Life

Symborg

National Fertilizers Limited

Jinggeng Tianxia

Genliduo Bio-Tech

Indian Agri Farm

Utkarsh Agrochem Pvt.Ltd.

Katyayani Organics

MADRAS FERTILIZERS LIMITED

Gujarat State Fertilizers & Chemicals Limited

Rashtriya Chemicals and Fertilizers Limited

Vegalab SA

Chr. Hansen Holding A/S

Kiwa Bio-Tech Products Group Corporation

Rizobacter

T.Stanes and Company Limited

INTERNATIONAL PANNACEA LIMITED

Lallemand Inc

Nutramax Laboratories Consumer Care, Inc

Mapleton Agri Biotec Pt Ltd

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Nitrogen-Fixing Biofertilizer product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Nitrogen-Fixing Biofertilizer, with price, sales quantity, revenue, and global market share of Nitrogen-Fixing Biofertilizer from 2020 to 2025.

Chapter 3, the Nitrogen-Fixing Biofertilizer competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Nitrogen-Fixing Biofertilizer breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Nitrogen-Fixing Biofertilizer market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Nitrogen-Fixing Biofertilizer.

Chapter 14 and 15, to describe Nitrogen-Fixing Biofertilizer sales channel, distributors, customers, research findings and conclusion.

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