

Global Biofertilizers Market: Size, Trend, Share, Opportunity Analysis & Forecast, 2014–2025

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Abstracts

Biofertilizers are defined as preparations containing living cells or latent cells of efficient strains of microorganisms that help crop plants' uptake of nutrients by their interactions in the rhizosphere when applied through seed or soil. They accelerate certain microbial processes in the soil, which augment the extent of availability of nutrients in a form easily assimilated by plants. Use of biofertilizers is one of the important components of integrated nutrient management, as they are cost effective and renewable source of plant nutrients to supplement chemical fertilizers for sustainable agriculture. Global biofertilizers market is expected to grow at a CAGR of 14.7% from 2017 to 2025.

Based on type, the market is divided into nitrogen-fixing, phosphate-solubilizing, potash-mobilizing, others (zinc-, boron-, and sulfur-solubilizing biofertilizers). Based on crop type, it is divided into cereals & grains, pulses & oilseeds, fruits & vegetables, and others (forage & turf grasses). Based on the microorganisms, it is classified into rhizobium, azotobacter, azospirillum, cyanobacteria, phosphate-solubilizing bacteria, and others (nostoc, anabaena, tolypothrix, aulosira, and azolla). Based on mode of application, the market is segmented into seed treatment, soil treatment, and others (set treatment, foliar treatment, root dipping, and seedling root treatment). Based on form, the market is categorized into pure & mixed liquid fermentations, dispersible granule, pellet, and powder. By geography, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

MARKET DYNAMICS:

Drivers:

Growth in the organic food industry.

Increase in awareness regarding the health hazards caused using chemical fertilizers.

Restraints:

Lack of awareness and low adoption of biofertilizers.

Poor infrastructure.

MARKET PLAYERS:

The top players in the global biofertilizers market include Novozymes A/S, National Fertilizers Limited, Madras Fertilizers Limited, Gujarat State Fertilizers & Chemicals Ltd., Rizobacter Argentina S.A., T.Stanes & Company Limited, Camson Bio Technologies Limited, Rashtriya Chemicals & Fertilizers Ltd., and Lallemand Inc.

KEY TAKEAWAYS

MARKET LANDSCAPE

By Type

Nitrogen-Fixing

Phosphate-Solubilizing

Potash-Mobilizing

Others

By Crop Type

Cereals & Grains

Pulses & Oilseeds

Fruits & Vegetables

Others (Forage & Turf Grasses)

By Microorganism

Rhizobium

Azotobacter

Azospirillum

Cyanobacteria

Phosphate-Solubilizing Bacteria

Others

By Mode of Application

Seed Treatment

Soil Treatment

Others

By Form

Pure & Mixed Liquid Fermentations

Dispersible Granule

Pellet

Powder

By Geography

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia-Pacific

China

Japan

India

Australia

South Korea

Rest of Asia-Pacific

LAMEA

Brazil

Saudi Arabia

South Africa

Rest of LAMEA

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