



2nd Edition

Biostimulants and Biofertilizers: Global Overview of the Market and Use

To Be Published 3rd and 4th Quarters 2019

Base Year: 2018

Forecasts to 2023

Regional Coverage: Asia-Pacific ■ Europe ■ North America ■ South America

This report provides descriptions of the companies involved in biostimulants and biofertilizers, the products and uses these companies have developed, estimated market sizes by end-use crop and non-crop, as well as an outlook for future technologies and products that are being developed.

Increasing attention is being directed to finding products of biological origin that can be safely used to increase production and still sustain our soil and environment. These products are not the typical fertilizers and pesticides used to stimulate growth and control pests. Biostimulants are used to enhance the nutrient uptake efficiency of plants, stimulate natural processes to benefit crop yield and quality, and reduce the impact of unfavorable abiotic factors. In many cases, biofertilizers can be classified as biostimulants, but they are defined as microorganisms that enhance soil quality.

This Report Helps Subscribers to:

- Understand the current global uses for biostimulants and biofertilizers
- Obtain a current list of biostimulant and biofertilizer products being used by country and crop
- Determine the size of the biostimulant and biofertilizer market
- Understand the biostimulant and biofertilizer active ingredients
- Obtain an understanding of the companies involved in this market
- Get an update on new technologies entering the market



Tentative Report Contents*

Introduction

Executive Summary/FutureView Forecast and Outlook

Countries included:

- Brazil
- France
- Germany
- India
- Italy
- Japan
- Poland
- Spain
- United Kingdom
- United States

For each country, the following market segments are covered (where appropriate):

- Field crops
- Fruit and vegetable crops
- Specialty crops
- Turf
- Seed treatment
- Other

For each country/market segment covered, the following information is provided:

- Market segment background
- Current uses for biostimulants and biofertilizers
- Current biostimulant and biofertilizer products in this market
- Biostimulant and biofertilizer sales by type, brand or active ingredient, and company
- Development of biostimulant and biofertilizer technologies underway
- Outlook for biostimulants and biofertilizers, projected developments and future sales potential

Brief company profiles for each country:

- Current products
- Products in development
- Other crop related products
- Sales of biostimulants and biofertilizers
- Market segments

* Subject to charter subscriber input





Scope

Biostimulants and Biofertilizers: Global Overview of the Market and Use provides a window into this growing market segment of the crop protection sector. It includes the technology, product descriptions, company profiles, crop targets, and most importantly, an outlook and product category forecast for each country and market segment covered.

Technologies included:

- Microbial inoculants
- Humic substances
- Amino acids and protein-based products
- Seaweed extracts
- Rhizobium
- Azotobacter
- Azotobacteria
- Azospirillum
- Blue Green Algae
- Bacteria
- Cyanobacteria
- Mycorrhizal fungi
- Other:
 - Complex organic materials, beneficial chemical elements, such as Al, Co, Na, Se, and Si
 - Inorganic sales
 - Chitin and Chitosan derivatives
 - Anti-transpirants
 - Free Amino acids
 - N-containing substances

Key Benefits

This report serves as a resource for any organization interested in the emergence of the biostimulant and biofertilizer markets, its technologies, products, and the key companies behind its development. Specifically, it assists subscribers by providing:

- A highly reliable and independent assessment of current brand sales, emerging technologies, and company positions
- A look at estimated sales by brand, active, and supplier for each country and crop segment covered
- Provide profiles of the leading biostimulant and biofertilizer companies within each country covered
- Provide details on the usage of each product type



Methodology

Kline’s approach places principal emphasis on primary research techniques to ensure that the foundation of business intelligence and insight is accurate, current, and reliable. Building on our 50-plus years in the business and leveraging our worldwide network of offices, our teams of seasoned professionals draw upon pragmatic industrial and commercial experience to understand and interpret global impacts and local perspectives.

Primary Research

We Know Who to Talk to. We Know How to Listen.



A high number of in-depth discussions are conducted by each analyst. All interviews are done with true industry insiders.

Kline’s analysts draw upon pragmatic experience to understand global impacts and local perspectives. Our interviews engage experts across all pertinent fields and sectors including:

- Marketers/manufacturers
- Distributors
- Government agencies
- Retailers
- Suppliers
- Trade organizations

Secondary Research

We Know Where to Look – Mining the Details.



Analysis is further supplemented by secondary research, consisting of constant tracking of annual company reports, national statistics bureaus, trade/ industrial/professional associations, and the like.

Relevant developments are diligently followed and their impact closely monitored. Reports also draw upon non-confidential data from Kline’s internal database, consisting of over half a century’s syndicated research.

Comprehensive Market Intelligence

We Know How to Verify.



Data are rigorously analyzed, cross-checked, distilled, and validated. Kline’s proven methodology allows exceptionally effective, precise, and reliable market

intelligence, giving subscribers a solid foundation on which to grow, refine, and expand their business with confidence.

Kline Credentials

Kline is a leading global management consulting and market research firm offering the complete spectrum of services. The firm has served the management consulting and market research needs of organizations in the chemicals, materials, energy, life sciences, and consumer products industries for over 50 years.

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