

## **Brazil Biofertilizer - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2017 - 2029**

Market Report | 2023-04-26 | 139 pages | Mordor Intelligence

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### **Report description:**

The Brazil Biofertilizer Market size is estimated at USD 129.92 million in 2024, and is expected to reach USD 206.43 million by 2029, growing at a CAGR of 9.70% during the forecast period (2024-2029).

#### **Key Highlights**

- Azotobacter is the Largest Form : Azotobacters are nitrogen-fixing bacteria, found in alkaline and neutral soils and application of azotobacteras bio-inoculants may increase crop productivity by 10-12%.
- Rhizobium is the Fastest-growing Form : Rhizobium biofertilizers are gram-negative, motile, non-sporulating rod bacteria that capable to fix 50-200 kg N/ha and fix 80 to 90% of the crop's nitrogen needs.
- Row Crops is the Largest Crop Type : Soyabean, wheat and corn are the major row crops grown in Brazil. Among the biofertilizers, Azotobacter dominated the row crops segment with a market share of 39.3% in 2022
- Row Crops is the Fastest-growing Crop Type : Row crops are dominating the Brazil biofertilizers market with a market share of 79.2%, this is due the increasing organic acreage, from 2017 to 2022, 23.3% increased.

#### **Brazil Biofertilizer Market Trends**

##### **Azotobacter is the largest Form**

- Biofertilizers are living microorganisms that improve plant nutrition by mobilizing or increasing nutrient availability in soils. Bio-fertilizers, which are essential components of organic farming, play an important role in long-term soil fertility and

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sustainability by fixing atmospheric dinitrogen (N=N), mobilizing fixed macro and micronutrients, or converting insoluble P in the soil into forms available to plants, increasing their efficiency and availability.

- Many studies have concluded that inoculation with biofertilizers increases yields by reducing production costs. Brazil consumes 8% of the world's fertilizers and is the fourth-largest importer. Russia accounts for roughly one-fifth of Brazilian fertilizer imports. The Russian invasion of Ukraine significantly increased the risk of disruption of the global fertilizer trade. Due to this, fertilizer prices have increased significantly.

- As fertilizer prices increase, farmers switch to biofertilizers. Moreover, 80.0% of the soybean acreage in the country is being applied with biofertilizers as part of their cultivation. Many studies have shown that inoculation with biofertilizers increases yield by reducing production costs.

- As a result of its effectiveness in nitrogen fixation, Azotobacter biofertilizer is the most popular in the country. It is followed by mycorrhizal fungi, which enhance nutrient and water uptake by the host plant by exploiting a larger volume of soil than roots alone can.

- Organic cultivation areas increased by 1.2% from 2017 to 2022. As organic farming in the country increases, fertilizer prices rise, and R&D investments in biofertilizers increase, the Brazilian biofertilizer market will grow rapidly.

## Brazil Biofertilizer Industry Overview

The Brazil Biofertilizer Market is fragmented, with the top five companies occupying 16.11%. The major players in this market are Biolchim SpA, Lallemand Inc., Novozymes, Rizobacter and Vittia Group (sorted alphabetically).

### Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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