

Indian Bio Agriculture Market Forecast Trends - Market Size, Share, Growth Analysis Report (2025-2034)

Market Report | 2025-08-13 | 123 pages | EMR Inc.

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Report description:

The Indian bio agriculture market reached a value of about INR 58633.34 Million in 2024 . The market is further expected to grow at a CAGR of 4.20% in the forecast period of 2025-2034 to reach a value of about INR 88475.26 Million by 2034 .

As per the World Organic Agriculture Report 2020 released by IFOAM-Organics International and the Research Institute for Organic Agriculture, India has one of the largest organic farmers in the world. Biological farming is commonly practiced by farmers in India in order to accomplish a balance between the physical, chemical, and biological aspects of soil supported by improved organic content. They use the latest technologies to optimise the behaviour of soil microbes by providing proper soil nutrition and structure.

Market Segmentation

Bio agriculture is the organic or biodynamic farming practices, which produce high-quality and nutritious products without the use of synthetic fertilizers or agricultural chemicals.

On the basis of segment, the industry can be divided into the following:

- Transgenic Crops
- Biofertilizers
- Biopesticides

On the basis of region, the industry can be divided into the following:

- North India

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- South India
- East India
- West India

Market Analysis

There has been a major change towards bio agricultural practices in India. This phenomenon can be certified by the excessive use of fertilizers and artificial growth regulators that have contributed to soil degradation and increased the amount of chemicals in the food chain. In addition, a growing understanding of health has prompted consumers to opt for organic products, which, in effect, have a positive impact on the industry. In addition, environmental issues have also motivated farmers to practice organic farming as it is a chemical-free approach that ensures the optimal use of natural resources and helps to preserve them. In addition, the Government of India has put in place various schemes and programs to encourage organic farming in order to meet the increasing demand for food across the world. These projects include the National Mission for Sustainable Agriculture (NMSA)/Paramapragat Krishi Vikas Yojana (PKVY), Rashtriya Krishi Vikas Yojana (RKVY), the Mission for Integrated Horticulture Development (MIDH), the National Mission for Oil Seeds & Oil Palm (NMOOP), and the ICAR Organic Farming Network Project. Such programmes are expected to buoy the growth of the bio agriculture market in India.

The report by EMR covers the macro and micro aspects of the industry by covering the challenges and opportunities faced by the regional market. It looks into the historical (2018-2024) and forecast (2025-2034) of the various components of the industry in India. The comprehensive EMR report provides an in-depth assessment of the market based on the Porter's five forces model along with giving a SWOT analysis. The key demand and price indicators have been covered by the report as well. An assessment of the price trends of the industry has been provided within the report as well as an analysis of the value chain. It also covers various aspects of the competitive landscape like the market structure, the market share of key players, and company profiles.

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