

## **India Agricultural Biologicals - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)**

Market Report | 2025-04-28 | 217 pages | Mordor Intelligence

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### **Report description:**

The India Agricultural Biologicals Market size is estimated at 3.19 billion USD in 2025, and is expected to reach 4.43 billion USD by 2030, growing at a CAGR of 6.78% during the forecast period (2025-2030).

- The overuse of chemical fertilizers and pesticides is one of the serious challenges in the country. The continuous use of nitrogen at fixed sites had a negative impact on the health of the soil and crop yield, indicating deficiencies in several macro and micronutrients. Even with recommended doses of NPK and more, deficiency of micro and secondary nutrients has become a yield-limiting factor.
- The adoption of sustainable agricultural practices or organic farming can decrease the effect of chemical fertilizers on the environment. The Indian Council of Agricultural Research (ICAR) recommends integrated nutrient management through conjunctive use of both inorganic and organic sources of plant nutrients to reduce the use of chemical fertilizers, preventing deterioration of soil health and environment and contamination of groundwater.
- These factors and the growing organic agricultural cultivation area are driving the Indian agricultural biologicals market. The crop protection segment is dominating the market. It was valued at about USD 1.85 billion in 2022. The crop nutrition segment was valued at USD 759.3 million in the same year.
- Row crop cultivation is dominant in the country, accounting for about 87.7% of the Indian agricultural biologicals market in 2022. The country is promoting organic farming under the Parampragat Krishi Vikas Yojana (PKVY) and the Mission Organic Value Chain Development for North East Region (MOVCD-NER). The demand for organic products in domestic and international markets is also expected to drive the Indian agricultural biologicals market between 2023 and 2029.

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## India Agricultural Biologicals Market Trends

Growing number of organic producers helping the increase in area under organic cultivation, primarily in row crops

- India is the largest country, in terms of the total number of certified organic producers in the world, with 1.3 million organic producers in 2019. Despite having a large number of organic producers, organic cultivation areas in the country account for around 2.0% of the total agriculture area in the country. In 2021, the organic area in the country was recorded as 0.7 million hectares, which increased by about 3.4% compared to 2017.
- The top ten organic farming states in the country account for about 80.0% of the total organic crop area. A few states have taken the lead in improving organic farming including Madhya Pradesh, Rajasthan, and Maharashtra, the top organic farming states, with Madhya Pradesh accounting for 27.0% in 2019.
- Organic cultivation of row crops is dominant in the country, which accounted for about 59.7% of the total organic crop area in 2021. Cereal crop production is dominant rice, wheat, millet, and maize are the major cereals produced. Most cereal crops are grown in the kharif season (June - September). The crops grown in this season are mainly rain-dependent or require more water, like rice, maize, cotton, and soybean.
- The overall organic cash crop cultivation area increased from 0.27 million hectares in 2017 to 0.28 million hectares in 2021. The major cash crops produced in the country are cotton, sugarcane, tea, and spices. There is a limited growth of organic horticultural crops currently in the country. The increasing demand for organic products and Indian government initiatives to go organic are anticipated to increase organic crop area between 2023 and 2029.

Growing demand and their easy accessibility through e-commerce channels, rising the per capita spending on organic food

- India's per capita spending on organic products is relatively low at USD 0.23 compared to the average per capita spending on organic products in Asia-Pacific. However, in recent years, shifting consumer demand has increased toward organic products as more customers perceive these items offer better immunity, higher quality, and more accessibility through e-commerce channels. India is a promising and developing market for organic foods and beverages. India's domestic organic food and beverage industry is expected to be worth USD 138.0 million by 2024, rising at a compound annual growth rate of 13% between 2019 to 2024.
- In 2022, the total combined organic food and beverages worth USD 108.0 million consumed in the country. The consumption value of organic products in the country increased from USD 45 million in 2016 to USD 96.0 million in 2021. Organic food sales have seen an increasing trend mainly due to increasing consumer awareness, and high-income consumers are propelling organic food and beverage consumption. Categories that gained the most demand included essential foods, such as organic eggs, dairy, and fruits and vegetables.
- Organic beverage consumption dominated the market and accounted for about 85.2% of the total combined organic food and beverages market value in 2022. The organic beverages segment includes organic packaged food and beverages that are certified by the approved certification body. Organic beverage consumption value increased at a CAGR of 14% between 2020 to 2022. The price premium associated with organic products hampers lower-income consumer access and is the major limiting factor for organic food consumption. However, organic products' active promotion and advantages drive the organic food market

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during the forecast period.

## India Agricultural Biologicals Industry Overview

The India Agricultural Biologicals Market is fragmented, with the top five companies occupying 20.64%. The major players in this market are Coromandel International Ltd, Gujarat State Fertilizers & Chemicals Limited, Madras Fertilizers Limited, Prabhat Fertilizer and Chemical Works and Swaroop Agrochemical Industries (sorted alphabetically).

Additional Benefits:

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

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