India Organic Fertiliser Market Size and Share Outlook - Forecast Trends and Growth Analysis Report (2025-2034)

Market Report | 2025-06-28 | 133 pages | EMR Inc.

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Report description:

The India organic fertiliser market size was valued at USD 483.89 Million in 2024. The industry is expected to grow at a CAGR of 8.80% during the forecast period of 2025-2034. The demand for organic fertilisers in India will grow with the strong government support, technological integration and rapid rate of food production. In turn, all these factors have resulted in the market likely attaining a valuation of USD 1124.70 Million by 2034.

India Organic Fertilizer Market Report Summary

Description

Value

Base Year

USD Million

2024

Historical Period

USD Million

2018-2024

Forecast Period

USD Million

2025-2034

Market Size 2024

USD Million

483.89

Market Size 2034

USD Million

1124.70

CAGR 2018-2024

Percentage

XX%

CAGR 2025-2034

Percentage

8.80%

CAGR 2025-2034 - Market by Region

South India

10.0%

CAGR 2025-2034 - Market by Region

West India

9.1%

CAGR 2025-2034 - Market by Type

Manure

10.2%

CAGR 2025-2034 - Market by Crop Type

Cash Crops

9.7%

2024 Market Share by Region

East India

19.2%

India Organic Fertiliser Market Growth

Organic farming and government support to drive market growth

The increasing integration of technology to support organic farming and its positive impacts on the environment will increase the India organic fertiliser market share. In July 2023, ICAR introduced cutting-edge technologies for the faster production of organic fertilisers in the farm in a bid to expand sustainable practises. The government of India has also been actively implementing dedicated schemes and investments to bring down the subsidy on phosphatic fertilizers in the country. In February 2024, the government of India raised 16-times more allocation for organic fertilizers after managing to limit urea subsidy despite the high global prices during FY23-24.

Key Trends and Recent Developments

The India organic fertiliser market expansion is driven by advances in production, extensive government support, rise in financial incentives and growing research and development activities.

January 2025

Ahmedabad-based agrochemical and biotechnology firm, Super Crop Safe Ltd. introduced its revolutionary bio-fertiliser Super Gold WP+ for significantly cutting down on chemical fertilisers whilst enhancing crop yields. This launch positioned the company to drive growth in high-value and high-margin bio-fertilisers.

December 2024

Leading multinational fertiliser company Yara introduced its YaraSuna line of organic-based fertilisers as a complementary offering for all farmers. This portfolio of recovered nutrients from organic compounds supports soil health and promote crop resilience.

December 2024

India's leading agri-input companies, Coromandel International signed a strategic Master Research Agreement with the American International Fertiliser Development Center (IFDC) for fostering innovations and sustainability in fertiliser development. This collaboration was aimed at addressing critical challenges in agriculture with next-generation fertilisers.

January 2024

Southern Petrochemical Industries Corporation (SPIC) announced plans of investing R1,900 crore in the next two years under its strategic group expansion plans. With the investment, SPIC will establish a 150 MTPD Green Ammonia plant to expand its urea plant.

Innovations in production

The India organic fertiliser market outlook will be impacted by the growing activities of sourcing innovative materials and sources in the production processes. In March 2025, the Alappuzha municipality in Kerala launched an enriched organic fertiliser Aero Fert produced from processed organic waste. The fertiliser was found to be suitable for farming following a test at a certified lab.

Soaring government support

The surging government intervention to encourage the usage of organic as well as bio-fertilisers in Indian agriculture will play a key role in the India organic fertiliser market development. In March 2025, the Indian Government granted authorization to seven manufacturers of liquid fermented organic and manure fermented organic manure to sell their products in bulk directly to farmers. This move offered better access to organic fertilisers for farmers besides promoting sustainable agricultural practices.

Financial incentives

The India organic fertiliser industry is significantly driven by the growing number of financial incentives to limit fertiliser subsidies whilst promoting natural and organic farming across the country. In April 2023, the Indian government implemented PM Pranam, its new central scheme for providing cash incentives to states for cutting down the consumption of chemical soil nutrients by adopting sustainable alternatives.

Research and development initiatives

The rising efforts undertaken to introduce biological substitutes for chemical fertilisers for improving the soil health and benefiting farmers will offer a boost to the India organic fertiliser market revenue. In February 2025, the Indian Council of Agriculture Research (ICAR) developed enhanced and efficient strains of bio-fertilisers that are specific to different crops as well as soil types under the 'Soil Biodiversity-Bio-fertilisers' Network project.

India Organic Fertiliser Market Trends

Urban agriculture and focus on farmer education to drive growth

The India organic fertiliser industry revenue is expected to grow with the rapid expansion of urban agriculture, including home gardening and rooftop farming. Significant efforts are initiated for sourcing organic fertilisers from biogas fermentation processes to enhance agricultural productivity. In March 2025, the Indian Biogas Association (IBA) emphasised that the government's push for organic fertilisers would generate an additional revenue of USD 2.6 billion for the biogas industry.

Moreover, the growing focus on educating farmers about the benefits of fertilisers via training programs and workshops will further drive the regional product demand. In July 2023, IFFCO conducted farmer training programs in Uttar Pradesh and Bihar to demonstrate the benefits of nano-urea and other fertilizers for boosting the crop yields by 15-20% whilst reducing soil degradation.

India Organic Fertiliser Market Opportunities

Adoption of nano technology and sustainable agriculture to favour the market

The rising integration of nano technology in fertilisers to boost productivity is one of the important factors favouring the growth of the India organic fertiliser market. For instance, in July 2024, the government of India set up six nano urea plants as well as four nano DAP plants to promote the use of nano fertilisers amongst farmers.

As organic fertilisers are eco-friendly, they support sustainable agriculture whilst preserving biodiversity and protecting ecosystems. The launch of several national as well as regional initiatives for promoting the organic production of fruits and vegetables across India will play a key role in the market growth. In February 2023, the Indian government promoted and facilitated one crore farmers for adopting natural farming via the Prime Minister Program for Restoration, Awareness, Nourishment and Amelioration of Mother earth.

India Organic Fertiliser Industry Segmentation

The EMR's report titled "India Organic Fertiliser Market Report and Forecast 2025-2034" offers a detailed analysis of the market based on the following segments:

Breakup by Type

- Manure
- Meal Based Fertilisers
- Oil Cakes
- Others

Breakup by Crop Type

- Cash Crops
- Horticulture Crops
- Raw Crops

Breakup by Form

- Liquid
- Dry

Breakup by Region

- North India
- South India
- East India
- West India

India Organic Fertiliser Market Share

Manure to attain significant preference in order to improve soil quality

The surging demand for manure due to its robust ability to improve soil quality will boost the India organic fertiliser market development. Fermented organic manure has gained immense traction across the country for its assistance in cost-savings. In July 2024, the Indian Biogas Association (IBA) disclosed that fermented organic manure has the potential to save India about USD 1.5 billion on fertiliser imports and produce cleaner energy.

The preference for meal based fertilisers is poised to grow with their role in promoting healthy root growth, flowering, and fruit production as they are rich in essential nutrients, such as phosphorus, nitrogen, and calcium. These fertilisers are greatly used for garden farming as they are a potent, natural source of nitrogen and support healthy, vigorous growth.

Oil cakes are garnering significant popularity in the India organic fertiliser industry owing to their penetration in small-scale farming to increase productivity whilst maintaining ecological balance and limiting the input costs. They also add organic matter to the soil for improving its structure, moisture retention, and microbial activity.

By crop type, cash crops to record high demand

The increasing production of cash crops to meet the rising domestic and international requirements of sugarcane, tea, cotton, jute and others will favour the India organic fertiliser market. According to industry reports, the production of commercial/cash crops increased to 4,84,757 thousand tonnes in 2023-24 from 4,80,692 thousand tonnes in 2021-22.

Meanwhile, horticulture crops are witnessing higher usage of organic fertilisers to offer essential nutrients for soil health, plant growth, and pest resistance. The growing application of biopesticide, vermicompost, and organic manure for increasing the production and quality of horticulture crops will drive the segment growth. According to industry reports, the horticulture production in India was estimated at about 355.48 million tonnes in 2022-23.

According to the India organic fertiliser market analysis, the higher consumption of rice, wheat, and lentils has led to the subsequent rise in the cultivation of raw crops. Raw crops have grown crucial in the region as they facilitate food security and income generation while supporting various industries.

Use of liquid fertilisers to witness a rise to provide nutrients to plants

The growing innovations in liquid fertilisers for providing plants with faster access to nutrients will foster the India organic fertiliser industry development. In April 2023, the Indian Farmers Fertiliser Cooperative (IFFCO) introduced the world's first nano DAP liquid fertiliser in a bid to help farmers boost productivity and increase their incomes.

The demand for dry organic fertilisers is expected to grow across the country with rising popularity amongst gardeners, farmers, and landscapers for their longer shelf life and slow release. These fertilisers require less frequent application as opposed to quick-release liquid fertilizers.

India Organic Fertiliser Market Regional Analysis

CAGR 2025-2034 - Market by

Region

South India

10.0%

West India

9.1%

North India

8.4%

East India

XX%

High rice and millets production to drive North India organic fertiliser market

The rising popularity of rice and millets as predominant staple crops will influence the organic fertiliser demand in South India. According to industry reports, the rice production in Andhra Pradesh recorded 7,940.000 Ton th in 2023. Technological advancements as well as improved farming practices are propelling the increase in agricultural productivity across this region.

The growing rate of farming practises driven by the presence of a well-established agricultural landscape will impact the North India organic fertiliser market outlook. According to industry reports, the production of wheat in Uttar Pradesh touched 33,610.000-Ton th in 2023. The surging government-led financial incentives and the rise in organic cooperatives will further add to the regional market growth.

The increasing activities on ramping the production of organic fertilisers will fuel the industry growth in East India. In February 2025, the Central Government invested Rs 10,000 crore for setting up a new urea plant in Namrup, Assam to offer a major boost to India's fertilizer production capacity. The favorable conditions for organic farming will also drive the regional product demand.

Competitive Landscape

Leading players in the India organic fertiliser market report are engaging in capacity expansions and product diversification to scale their revenues. They are also working on partnership and investment strategies to increase their global presence.

Coromandel International Limited

Founded in 1961 and headquartered in Secunderabad, Coromandel is a major provider of agricultural solutions. The company is one of the most trusted agricultural brands in India, innovating and manufacturing fertilisers for crop protection and special nutrients.

Eastern Organic Fertiliser Pvt. Limited

Founded in 1995 and headquartered in Kolkata, Eastern Organic Fertiliser is an Indian manufacturer of bio-organic manure city compost. The company has emerged as a leading organization in the field of organic manure with expertise in solid waste management .

Southern Petrochemical Industries Corp. Ltd.

Founded in 1969 and headquartered in Chennai, India, Southern Petrochemical Industries is a well-diversified firm with an area of businesses spreading from fertilisers to pharmaceuticals. The company manufactures and distributes nitrogenous chemical fertilisers

Prabhat Fertiliser & Chemical

Founded in 1974 and headquartered in Karnal, India, Prabhat Fertiliser & Chemical is a pioneer in the business of manufacturing and export of agriculture inputs. The company manufactures and supplies bio-fertilisers, organic fertilisers, micronutrients, and seaweed extracts.

Other players in the India organic fertiliser market report include Gujarat Narmada Valley Fertilisers & Chemicals Ltd, Deepak Fertilisers & Petrochemicals Corp. Ltd, Dhampur Bio Organics Limited, Swaroop Agrochemical Industries, Amruth Organic Fertilisers, Greenchem Biotech, LCB Fertilisers, and others.

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