

Organic Fertilizer - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2017 - 2029

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Report description:

The Organic Fertilizer Market size is estimated at USD 10.19 billion in 2024, and is expected to reach USD 15.74 billion by 2029, growing at a CAGR of 9.09% during the forecast period (2024-2029).

Key Highlights

- Meal Based Fertilizers is the Largest Form : Bone meal is predominantly utilized to address the crop cultivation requirement for phosphorous, while blood meal is deployed primarily for supplementing nitrogen in crops.
- Manure is the Fastest-growing Form : Manures accounted for a 42.5% share of organic fertilizers in 2022. Manures have limited nutrient content and require a substantial application to meet crop nutrient needs.
- Row Crops is the Largest Crop Type : Row crops have large areas under cultivation in the world and across different regions. Meal-based fertilizers are the most applied organic fertilizers in the row crops.
- Europe is the Largest Region : In Europe, the area under cultivation of organic crops is increasing year on year, which has increased by 33.4% and reached 592.1 thousand hectares of land in 2022.

Organic Fertilizer Market Trends

Meal Based Fertilizers is the largest Form

- In recent years, organic fertilizers have gained popularity among farmers and growers due to growing concerns about the environmental impact of traditional chemical fertilizers. In 2022, the organic fertilizer segment was dominated by meal-based

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fertilizers, which accounted for a 43.2% share. Manures were the second most popular organic fertilizer, accounting for 42.5% in the same year.

- Bone meal is primarily used to address the phosphorus requirements of crops, while blood meal is used to supplement nitrogen. Manures are widely used in all types of crops, both in conventional and organic farming, to improve the physio-chemical properties of the soil and support crop growth at various stages.
- On the other hand, oil cakes have limited usage due to their slower rate of mineralization and elevated nutrient levels, which can damage plants if applied excessively. However, oil cake application is still recommended for horticultural crops, as it is slow in action and needs more time for nutrient release compared to chemical fertilizers.
- The other organic fertilizers sub-segment, which includes fish guano, bat guano, fish emulsion, vermicompost, molasses, and other composted fertilizers, accounted for 13.5% of the organic fertilizer segment in 2022. Although these fertilizers are less commonly used, increasing adoption and research to exploit their benefits and government initiatives to promote organic farming may drive their demand in the coming years.
- The adoption of organic fertilizers is growing as farmers and growers seek more sustainable and eco-friendly solutions for crop production. The popularity of meal-based fertilizers and manures and the potential for the other organic fertilizers sub-segment may drive the organic fertilizer segment during the forecast period.

Europe is the largest Region

- Organic fertilizers are becoming increasingly popular in both conventional and organic farming worldwide as farmers strive to reduce their dependence on chemical fertilizers. Europe and Asia-Pacific are the leading consumers of organic fertilizers, with Europe seeing a significant increase in its market share by value from 2017 to 2022, while the Asia-Pacific region is projected to experience substantial growth in the organic fertilizer market during the forecast period.
- The European Consortium of the Organic-based Fertilizer Industry (ECOFI) promotes the use of organic fertilizers in Europe. The region's farmers are shifting toward organic alternatives, contributing to the growth of the organic fertilizer market. In the Asia-Pacific region, China and India are emerging as leaders in organic crop production, with organic farming accounting for a small portion of their total agricultural area. However, the organic farming area in the region is growing, and this trend is expected to drive growth in the organic fertilizer market.
- In North America, the United States dominates the organic fertilizer market, accounting for a 40.7% share by value in 2022. The Organic Transition Initiative implemented by the United States Department of Agriculture (USDA) is playing a significant role in promoting the expansion of organic farming in the country. As a result, the organic cultivation area accounted for 39.6% of the total crop cultivation area in 2022.
- The increasing global organic crop area and various government initiatives to promote organic agriculture and sustainable agricultural practices are driving the demand for organic commodities worldwide. Consumer awareness about the harmful effects of chemical fertilizers also contributes to the growing demand for organic fertilizers globally.

Organic Fertilizer Industry Overview

The Organic Fertilizer Market is fragmented, with the top five companies occupying 3.97%. The major players in this market are Coromandel International Ltd, Deepak Fertilisers & Petrochemicals Corp. Ltd, E B Stone & Sons Inc., Gujarat State Fertilizers & Chemicals Ltd and Sustane Natural Fertilizer Inc. (sorted alphabetically).

Additional Benefits:

- The market estimate (ME) sheet in Excel format

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