

Compost Market: Trends, Opportunities and Competitive Analysis [2024-2030]

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Abstracts

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Compost Market Trends and Forecast

The future of the global compost market looks promising with opportunities in agriculture, home gardening, landscaping, horticulture and construction. The global compost market is expected to reach an estimated \$13.4 billion by 2030 with a CAGR of 6.5% from 2024 to 2030. The major drivers for this market are increasing demand for organic products and growing awareness regarding disadvantages of chemical fertilizer and pesticides.

Lucintel forecasts that the agriculture segment will remain the largest segment increasing demand for organic products and increasing consumer awareness towards food quality. The horticulture segment is expected to witness the highest growth over the forecast period, due to safer, clean, and green food production.

Yard trimming is expected to remain the largest product type due to its ability to recycle nutrients back into the soil and to reduce yard waste. Lucintel predicts that food waste compost is

likely
to experience the highest growth over the forecast period due to increasing food wastage around the globe and increasing awareness of food composting.

Asia Pacific is expected to remain the largest market by value, and it is also expected to witness the highest growth over the forecast period because of growth in agriculture, home gardening, landscaping horticulture, and construction industries

Asia Pacific is expected to remain the largest market in the Compost Market

1. United States: Companies like Waste Management, Inc. and Recology lead initiatives in the US market. The US government promotes composting as part of waste management strategies to reduce landfill waste. Companies target organic waste from households, restaurants, and agricultural sectors for composting.
2. China: Chinese companies such as Beijing Orient Landscape & Environment Co., Ltd. and Shanghai Dezhou Environmental Technology Co., Ltd. dominate the market. With China's focus on environmental protection and sustainable development, composting initiatives aim to reduce pollution and improve soil quality. The Chinese government promotes composting through subsidies and regulations.
3. Germany: Companies like EKO-PUNKT GmbH and REMEX Mineralstoff GmbH are prominent players in Germany. The German government's Circular Economy Act encourages composting to reduce waste and promote resource efficiency. Companies collaborate with municipalities and agriculture sectors to increase composting capacity.
4. Japan: Japanese companies such as Japan Environmental Planning Co., Ltd. and Ebara Environmental Plant Co., Ltd. are significant players. With Japan's limited landfill space, composting initiatives focus on organic waste from households and industries. The Japanese government provides grants and subsidies to promote composting

facilities.

5. India: Indian companies like Nirvana Recycling Pvt. Ltd. and Organica Biotech Pvt. Ltd. are key players. The Indian government's Swachh Bharat Mission promotes composting to manage organic waste and improve soil health. Companies target urban and rural areas for decentralized composting solutions.

Emerging Trends in the Compost Market

Emerging trends, which have a direct impact on the dynamics of the compost industry, include development of bio-dynamic compost and use of biochar in composting.

A total of 117 figures / charts and 100 tables are provided in this 204-page report to help in your business decisions. Sample figures with insights are shown below.

Compost Market by Segment

The study includes trends and forecast for the global compost market by application, product type, and region as follows:

By Application [\$B and B lbs. shipment analysis for 2018 – 2030]:

Agriculture

Home Gardening

Landscaping

Horticulture

Construction

Others

By Product Type [\$B and B lbs. shipment analysis for 2018 – 2030]:

Yard Trimming

Food Waste

Manure

Mushroom Compost

Vermicompost

By Region [\$B and B lbs. shipment analysis for 2018 – 2030]:

North America

US

Canada

Mexico

Europe

Russia

Germany

United Kingdom

France

Italy

Asia Pacific

China

India

South Korea

Indonesia

Japan

The Rest of the World

Brazil

Turkey

South Africa

List of Compost Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies compost companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the compost companies profiled in this report include.

Harvest Power

Cocoa Corporation.

Dirt Hugger

Worm Power

MyNoke

Nutrisoil

Davo's Worm Farm

Dirt Dynasty

SAOSIS

Kaharim Farms

Recent Developments in the Compost Market

Increasing Adoption of Compostable Packaging: The compost market is witnessing significant growth due to the increasing adoption of compostable packaging materials by various industries, including food and beverage, retail, and e-commerce. Compostable packaging offers an eco-friendly alternative to traditional plastic packaging, addressing environmental concerns such as plastic pollution and landfill waste. Manufacturers are investing in the development of compostable packaging solutions made from biodegradable materials such as plant-based polymers and paper-based substrates to meet consumer demand for sustainable packaging options.

Government Initiatives to Promote Composting: Governments worldwide are implementing initiatives to promote composting and organic waste management as part of their efforts to achieve environmental sustainability goals and reduce greenhouse gas emissions. Policy measures such as incentives, subsidies, and regulatory frameworks are encouraging households, businesses, and municipalities to compost organic waste materials such as food scraps, yard trimmings, and agricultural residues. These initiatives aim to divert organic waste from landfills, promote soil health and fertility, and mitigate climate change through carbon sequestration in composted organic

matter.

Rising Demand for Compost-based Soil Amendments: The demand for compost-based soil amendments is on the rise due to the growing awareness of the benefits of compost in improving soil health, fertility, and productivity. Compost is rich in organic matter, nutrients, and beneficial microorganisms, making it an ideal soil conditioner for agricultural, horticultural, and landscaping applications. Farmers, gardeners, and landscapers are increasingly incorporating compost into their soil management practices to enhance soil structure, water retention, nutrient availability, and crop yields while reducing the need for synthetic fertilizers and chemical inputs.

Expansion of Composting Infrastructure: The composting industry is witnessing investments in the expansion and modernization of composting infrastructure to accommodate growing volumes of organic waste and meet increasing demand for compost products. Composting facilities are adopting advanced technologies such as aerated static pile composting, in-vessel composting, and anaerobic digestion to optimize the composting process, improve operational efficiency, and reduce odor and emissions. These investments aim to enhance composting capacity, throughput, and product quality while complying with regulatory requirements and environmental standards.

Partnerships and Collaborations for Compost Market Development: Companies and organizations in the compost industry are forming partnerships and collaborations to drive market development, innovation, and education initiatives. Collaborative efforts between compost producers, waste management companies, environmental nonprofits, and government agencies aim to raise awareness about composting benefits, improve collection and processing infrastructure,

and expand market opportunities for compost products. These partnerships facilitate knowledge sharing, technology transfer, and best practices dissemination to accelerate the growth and sustainability of the compost market

Features of Compost Market

Market Size Estimates: Compost market size estimation in terms of value(\$B) and Volume (B lbs.)

Trend and Forecast Analysis: Market trends (2018-2023) and forecast (2024-2030) by various segments and regions.

Segmentation Analysis: Compost market size by various segments, such as application, product type and region, in terms of value and volume.

Regional Analysis: Compost market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

Growth Opportunities: Analysis on growth opportunities in different application, product type and regions for the compost market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape for the compost market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q1. What is the compost market size?

Answer: The global compost market is expected to reach an estimated \$13.4 billion by 2030.

Q2. What is the growth forecast for compost market?

Answer: The compost market is expected to grow at a CAGR of 6.5% from 2024 to 2030.

Q3. What are the major drivers influencing the growth of the compost market?

Answer: The major drivers for this market are increasing demand for organic products and growing awareness regarding disadvantages of chemical fertilizer and pesticides.

Q4. What are the major applications or end use industries for compost?

Answer: Agriculture are the major end use industries for compost market.

Q5. What are the emerging trends in compost market?

Answer: Emerging trends, which have a direct impact on the dynamics of the compost industry, include development of biodynamic compost and use of biochar in composting.

Q6. What are the key compost companies?

Answer: Some of the key compost companies are as follows:

Harvest Power

Cocoa Corporation.

Dirt Hugger

Worm Power

MyNoke

Nutrisoil

Davo's Worm Farm

Dirt Dynasty

SAOSIS

Kaharim Farm

Q7. Which compost product segment will be the largest in future?

Answer: Lucintel forecasts that yard trimming compost will remain the largest segment over the forecast period due to its ability to recycle nutrients back into the soil and to reduce yard waste.

Q8: In compost market, which region is expected to be the largest in next 5 years?

Answer: Asia Pacific is expected to remain the largest region and witness the highest growth over next 5 years

Q9. Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1 What are some of the most promising potential, high-growth opportunities for the global compost market by product by product type (yard trimming, food waste, manure, mushroom compost, and vermicomposting), application (agriculture, home gardening, landscaping, horticulture, construction, and other applications), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q. 2 Which segments will grow at a faster pace and why?

Q.3 Which regions will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the market?

Q.5 What are the business risks and threats to the market?

Q.6 What are the emerging trends in this market and the reasons behind them?

Q.7 What are some changing demands of customers in the market?

Q.8 What are the new developments in the market? Which companies are leading these developments?

Q.9 Who are the major players in this market? What strategic initiatives are being implemented by key players for business growth?

Q.10 What are some of the competitive products and processes in this area and how big of a threat do they pose for loss of market share via material or product substitution?

Q.11 What M & A activities did take place in the last five years in this market?

For any questions related to compost market or related compost companies, compost market share, compost market analysis, compost market size, write Lucintel analyst at email: helpdesk@lucintel.com. We will be glad to get back to you soon.

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