

Sugarcane-based Packaging Market Size, Share & Trends Analysis Report By Material (Bagasse-based, Sugarcane-based), By Product (Plates & Trays, Food Containers), By End-use, By Region, And Segment Forecasts, 2025 - 2030

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Abstracts

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Sugarcane-based Packaging Market Growth & Trends

The global sugarcane-based packaging market size is anticipated to reach USD 612.76 million by 2030 and is anticipated to expand at a CAGR of 9.7% from 2025 to 2030, according to a new report by Grand View Research, Inc. The sugarcane-based packaging market is a pivotal segment of the global sustainable packaging industry, distinguished by its eco-friendly composition, biodegradability, and growing commercial viability. Derived from bagasse, the fibrous residue left after sugar extraction, sugarcane-based packaging is gaining significant traction across multiple sectors, including food service, retail, and e-commerce. Its ability to provide durability, grease resistance, and compostability makes it an increasingly preferred alternative to conventional plastic packaging. In addition, stringent global regulations aimed at reducing plastic waste and shifting consumer preferences toward environmentally responsible products are driving widespread adoption of sugarcane-based packaging solutions.

One of the primary factors fueling the market growth is the accelerating global transition toward circular economy practices and sustainable supply chains. Unlike petroleum-based packaging, sugarcane-derived materials offer a lower carbon footprint and align with corporate sustainability goals, making them a strategic choice for businesses

seeking to enhance their environmental credentials. Furthermore, ongoing advancements in fiber processing and barrier-coating technologies have significantly improved the performance characteristics of sugarcane packaging, enhancing its moisture resistance and structural integrity. As major multinational brands integrate eco-friendly materials into their packaging portfolios, the demand for scalable, cost-effective sugarcane-based solutions is expected to surge, reinforcing its role as a cornerstone of the next-generation packaging landscape.

The market players focus on various strategic initiatives such as mergers, acquisitions, and collaborations. For instance, in September 2024, CHUK, a brand focused on eco-friendly products, expanded its compostable tableware line made from sugarcane residue. The new additions included a beverage cup, a small bowl, and a snack tray designed to replace single-use plastics in the food service industry.

Sugarcane-based Packaging Market Report Highlights

Based on material, bagasse-based held the largest share, accumulating USD 210.2 million market size in 2024

Based on product, plates & trays accounted for the largest share of 40.24% market size in 2024

Based on end use, the foodservice segment dominated the market, with a revenue share of 44.69% in 2024

Asia Pacific dominated the recycling market. With Asia Pacific emerging as a dominant manufacturing hub for biodegradable packaging, the region is expected to lead global advancements in sugarcane-based packaging technologies

China was the leading manufacturer of recycling engineering plastics in the Asia Pacific region and captured around 42% of the revenue market share in 2024 in this region

Market players operating in the recycling engineering plastics market include Eco-Products, World Centric, Pappco, Greenware, Vegware, BioPak, Ecoriti, Green Good, Natural Tableware, and BioFutura

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