

The Global Cellulose Bioplastic Market is Projected to Exceed \$4.99 Billion by 2030

*The Business Research Company's
Cellulose Bioplastic Market Report 2026 –
Market Size, Trends, And Global Forecast
2026-2035*

LONDON, GREATER LONDON, UNITED KINGDOM, September 25, 2026 /EINPresswire.com/ -- "The [cellulose bioplastic market](#) is gaining significant traction as environmental concerns and sustainable practices take center stage worldwide. With increasing efforts to reduce plastic waste and shift towards renewable materials, this sector is set to experience impressive growth. Let's explore the current market size, key drivers, regional outlook, and emerging trends shaping the future of cellulose bioplastics.

Size and Expected Growth Trajectory of the Cellulose Bioplastic Market

The cellulose bioplastic market has witnessed rapid expansion recently, valued at \$2.5 billion in 2025. It is projected to rise to \$2.88 billion in 2026, marking a compound annual growth rate (CAGR) of 15.1%. This growth during the historical period has been fueled by heightened environmental awareness, stricter regulations on single-use plastics, stronger consumer preference for eco-friendly products, and the increasing application of sustainable packaging solutions.

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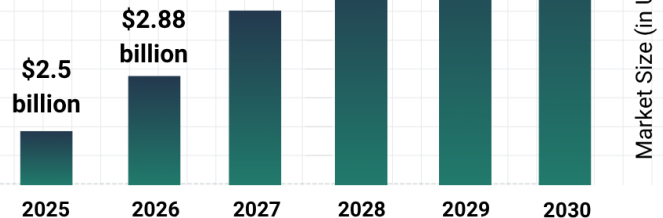
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Cellulose Bioplastic Market Report 2026

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CAGR 2026 - 2030
14.7%



Cellulose Bioplastic Market

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Looking ahead, the market is poised for even faster growth, expected to reach \$4.99 billion by 2030 with a CAGR of 14.7%. This forecasted expansion is driven by rising investments in bio-based material production, surging demand for compostable packaging options, increased adoption within the automotive sector, greater availability of cellulose feedstock, and a stronger emphasis on circular economy principles. Key trends include the broader use of biodegradable packaging, development of high-performance cellulose bioplastics, and the growing application of compostable products for consumers.

Understanding Cellulose Bioplastic and Its Environmental Benefits

Cellulose bioplastic is a type of bio-based plastic, often biodegradable, made from cellulose—a natural polymer found in the walls of plant cells. It serves as an eco-friendly alternative to traditional petroleum-based plastics due to its renewable origins and ability to break down more easily in the environment, thereby minimizing overall ecological impact.

View the full cellulose bioplastic market report:

https://www.thebusinessresearchcompany.com/report/cellulose-bioplastic-market-global-report?utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Sep_PR

Rising Demand for Sustainable Packaging Accelerates [Cellulose Bioplastic Market Growth](#)

One of the primary drivers behind the market expansion is the increasing demand for sustainable packaging solutions. Sustainable packaging focuses on reducing environmental harm by lowering material usage, improving recyclability, and optimizing resource efficiency. With escalating regulatory pressures aimed at curbing plastic pollution and encouraging greener alternatives, cellulose bioplastic is becoming a preferred choice as it provides a renewable, biodegradable, and compostable substitute to fossil-fuel-based plastics.

For example, in April 2023, the 2023 Buying Green Report by Trivium Packaging from the Netherlands revealed that 82% of consumers were willing to pay more for sustainable packaging—an increase of four percentage points compared to 2022. This shift in consumer attitude is boosting the market demand for cellulose bioplastics.

E-Commerce Expansion Fuels Market Growth Through Rising Internet Usage

The surge in e-commerce also plays a crucial role in driving the [global cellulose bioplastic market](#) forward. E-commerce involves buying and selling goods and services via digital platforms, which has grown significantly thanks to wider internet access allowing consumers worldwide to shop conveniently online. This growth is increasing the need for sustainable, lightweight, and compostable packaging solutions, positioning cellulose bioplastic as an attractive eco-conscious packaging alternative.

For instance, according to the US Census Bureau in February 2025, retail e-commerce sales reached \$308.9 billion in the fourth quarter of 2024, representing a 9.4% increase from the same period in 2023. This upward trend in online retail contributes directly to the rising demand for

cellulose bioplastic packaging materials.

Regional Overview Highlighting Market Leadership and Growth Potential

In terms of regional market share, North America emerged as the largest market for cellulose bioplastics in 2025. Meanwhile, the Asia-Pacific region is expected to exhibit the fastest growth during the forecast period. The market report encompasses various geographic areas, including Asia-Pacific, South East Asia, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa, offering a broad perspective on global market dynamics.

Our 2026 market reports now include enhanced strategic insights through:

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- Total addressable market (TAM) analysis
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