

Cellulose Bioplastic Market Size, Share & Trends Analysis Report By Application (Packaging, Agriculture, Consumer Goods, Textile, Automotive & Transportation, Building & Construction, Others), By Product, By Region, And Segment Forecasts, 2022 - 2030

<https://marketpublishers.com/r/C2C43B0F4C20EN.html>

Date: November 2022

Pages: 110

Price: US\$ 5,950.00 (Single User License)

ID: C2C43B0F4C20EN

Abstracts

This report can be delivered to the clients within 8 Business Days

Cellulose Bioplastic Market Growth & Trends

The global cellulose bioplastic market size is expected to reach USD 1,536.7 million by 2030, according to a new report by Grand View Research, Inc. It is projected to expand at a CAGR of 19.5% over the forecast period.

Cellulose bioplastic is a type of plastic that is made from cellulose esters (nitrocellulose, and cellulose acetate) or cellulose derivatives. Cellulosic plastics are produced using coniferous trees as the main raw material. The bark of the tree is separated and can be used as an energy source in production. The separation of cellulose fibers comes from the tree where they are cooked or heated in a digester. The growing demand for packaging is expected to drive significant market growth during the forecast period.

The growing demand for cellulosic bioplastics is associated with the production of mobile phones, ophthalmic products, thermoplastic products, sheets, and toys, among others. Strict rules governing the use of conventional plastic materials owing to environmental concerns and the resulting damage are significant factors driving the need for more environmentally sustainable materials across sectors and applications.

The introduction of various bans on the use of conventional plastics has led to an increase in demand for cellulosic bioplastics and other plastics made from renewable raw materials. Cellulosic bioplastics are also biodegradable, which is another driving factor in their preference and their adoption.

The global cellulose bioplastic market is highly competitive and fragmented in nature, with the presence of various key players such as Celanese Corporation, Solvay, Daicel Chemical Industries, Mitsubishi Rayon Company Limited, Eastman Chemical Company as well as a few medium and small-scale regional players operating across the globe.

The market is undergoing a transformation of the value chain from a linear economy to a circular one. Major market players are shifting towards a circular economy in order to have more sustainable solutions and minimize their dependence on crude oil in the future. In recent years, this trend has increased the demand for renewable raw materials such as softwood trees and tree bark for the production of plastics.

Growing concerns about petrochemical toxicity issues, along with the depletion of crude oil reserves, have spurred the development of cellulose-based plastics. Factors including stringent environmental norms such as EN 14995, EN 13432, and EN 17033; growing environmental concerns among consumers; The growing interest of market key players in the production of cellulose bioplastics is expected to be a key growth driver during the forecast period.

Cellulose Bioplastic Market Report Highlights

Cellulose Acetate dominates the type segment with a share of more than 65% in 2021 and is expected to maintain a healthy growth rate over the forecast period because it is widely produced and readily available. The rapid usage of cellulose acetate in the packaging sector is due to the properties of cellulose acetate made films such as, tearing quickly, are sturdy and puncture-resistant, making them perfect for food packing, hence it can help to drive the cellulose bioplastic market across the globe.

The packaging application led the market with a revenue share of more than 62% in 2021. Increasing utilization of cellulose bioplastics to produce bags for compost, agricultural foils, horticultural products, nursery products, toys, and textiles is the key factor responsible for the segment growth.

Europe dominates the regional segment for the cellulose bioplastic market in

2021 with a revenue share of more than 44%. The European market for cellulosic bioplastics is expected to experience significant growth in the coming years due to various factors such as the presence of stringent environmental laws, growing consumer concern for the environment, and increased investment in research and development in the cellulosic bioplastics sector by private and public organizations

Stringent regulations pertaining to single-use plastic ban across regions including Europe, North America, and Asia, are expected to fuel the growth of cellulose bioplastics market

The growing demand for consumer goods along with rising environmental concerns is expected to drive the demand for cellulose bioplastics in the automotive & transportation application segment

Contents

CHAPTER 1 METHODOLOGY AND SCOPE

- 1.1 Research Methodology
- 1.2 Research Scope and Assumptions
- 1.3 Information Procurement
 - 1.3.1 Purchased Database
 - 1.3.2 GVR's Internal Database
 - 1.3.3 Secondary Sources
 - 1.3.4 Third Party Perspective
 - 1.3.5 Primary Research
- 1.4 Information Analysis
 - 1.4.1 Data Analysis Models
- 1.5 Market Formulation and Data Visualization
- 1.6 Data Validation and Publishing
- 1.7 List of Abbreviations

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Market Summary
- 2.2 Market Segmental Outlook

CHAPTER 3 MARKET VARIABLES, TRENDS, AND SCOPE

- 3.1 Market Lineage Outlook
 - 3.1.1 Global Plastic market Outlook
- 3.2 Penetration & Growth Prospect Mapping, 2020
- 3.3 Buying Criteria
- 3.4 Industry Value Chain Analysis
 - 3.4.1 Raw Material Trends
 - 3.4.2 Manufacturing Trends
- 3.5 Market Dynamics
 - 3.5.1 Market Driver Analysis
 - 3.5.2 Market Restraint Analysis
 - 3.5.3 Industrial Opportunity Analysis
 - 3.5.4 Industrial Challenge Analysis
- 3.6 Business Environment Analysis: Cellulose Bioplastics Market
 - 3.6.1 Porter's Five Force Analysis

- 3.6.2 PESTEL Analysis
- 3.7 Impact of COVID-19 Pandemic
- 3.8 East European Geopolitical Implications of the Industry

CHAPTER 4 CELLULOSE BIOPLASTICS MARKET: PRODUCT ESTIMATES & TREND ANALYSIS

- 4.1 Cellulose Bioplastics Market: Product Movement Analysis & Market Share, 2021 & 2030
- 4.2 Cellulose Butyrate
 - 4.2.1 Cellulose Bioplastics Market estimates and forecasts, by Cellulose Butyrate, 2019 - 2030 (USD Million)
- 4.3 Cellulose Acetate
 - 4.3.1 Cellulose Bioplastics Market estimates and forecasts, by Cellulose Acetate, 2019 - 2030 (USD Million)
- 4.4 Cellulose Propionate
 - 4.4.1 Cellulose Bioplastics Market estimates and forecasts, by Cellulose Propionate, 2019 - 2030 (USD Million)
- 4.5 Others
 - 4.8.1 Cellulose Bioplastics Market estimates and forecasts, by others, 2019 - 2030 (USD Million)

CHAPTER 5 CELLULOSE BIOPLASTICS MARKET: APPLICATION ESTIMATES & TREND ANALYSIS

- 5.1 Cellulose Bioplastics Market: Application Movement Analysis & Market Share, 2021 & 2030
- 5.2 Packaging
 - 5.2.1 Cellulose Bioplastics Market estimates and forecasts, by Packaging, 2019 - 2030 (USD Million)
- 5.3 Agriculture
 - 5.3.1 Cellulose Bioplastics Market estimates and forecasts, by Agriculture, 2019 - 2030 (USD Million)
- 5.4 Consumer Goods
 - 5.4.1 Cellulose Bioplastics Market estimates and forecasts, by Consumer Goods, 2019 - 2030 (USD Million)
- 5.5 Textile
 - 5.5.1 Cellulose Bioplastics Market estimates and forecasts, by Textile, 2019 - 2030 (USD Million)

5.6 Automotive & Transportation

5.6.1 Cellulose Bioplastics Market estimates and forecasts, by Automotive & Transportation, 2019 - 2030 (USD Million)

5.7 Building & Construction

5.7.1 Cellulose Bioplastics Market estimates and forecasts, by Building & Construction, 2019 - 2030 (USD Million)

5.8 Others

5.8.1 Cellulose Bioplastics Market estimates and forecasts, by Others, 2019 - 2030 (USD Million)

CHAPTER 6 CELLULOSE BIOPLASTICS MARKET: REGIONAL ESTIMATES & TREND ANALYSIS

6.1 Cellulose Bioplastics Market: Region Movement Analysis & Market Share, 2021 & 2030

6.2 North America

6.2.1 North America Cellulose Bioplastics Market estimates and forecasts, 2019 - 2030 (USD Million)

6.2.2 North America Cellulose Bioplastics Market estimates and forecasts, by Product, 2019 - 2030 (USD Million)

6.2.3 North America Cellulose Bioplastics Market estimates and forecasts, by application, 2019 - 2030 (USD Million)

6.2.3 U.S.

6.2.3.1 U.S. Cellulose Bioplastics Market estimates and forecasts, 2019 - 2030 (USD Million)

6.2.3.2 U.S. Cellulose Bioplastics Market estimates and forecasts, by Product, 2019 - 2030 (USD Million)

6.2.3.3 U.S. Cellulose Bioplastics Market estimates and forecasts, by application, 2019 - 2030 (USD Million)

6.2.4 Canada

6.2.4.1 Canada Cellulose Bioplastics Market estimates and forecasts, 2019 - 2030 (USD Million)

6.2.4.2 Canada Cellulose Bioplastics Market estimates and forecasts, by Product, 2019 - 2030 (USD Million)

6.2.4.3 Canada Cellulose Bioplastics Market estimates and forecasts, by application, 2019 - 2030 (USD Million)

6.2.5 Mexico

6.2.5.1 Mexico Cellulose Bioplastics Market estimates and forecasts, 2019 - 2030 (USD Million)

6.2.5.2 Mexico Cellulose Bioplastics Market estimates and forecasts, by Product, 2019 - 2030 (USD Million)

6.2.5.3 Mexico Cellulose Bioplastics Market estimates and forecasts, by application, 2019 - 2030 (USD Million)

6.3 Europe

6.3.1 Europe Cellulose Bioplastics Market estimates and forecasts, 2019 - 2030 (USD Million)

6.3.2 Europe Cellulose Bioplastics Market estimates and forecasts, by Product, 2019 - 2030 (USD Million)

6.3.3 Europe Cellulose Bioplastics Market estimates and forecasts, by application, 2019 - 2030 (USD Million)

6.3.5 Germany

6.3.5.1 Germany Cellulose Bioplastics Market estimates and forecasts, 2019 - 2030 (USD Million)

6.3.5.2 Germany Cellulose Bioplastics Market estimates and forecasts, by Product, 2019 - 2030 (USD Million)

6.3.5.3 Germany Cellulose Bioplastics Market estimates and forecasts, by application, 2019 - 2030 (USD Million)

6.3.6 France

6.3.6.1 France Cellulose Bioplastics Market estimates and forecasts, 2019 - 2030 (USD Million)

6.3.6.2 France Cellulose Bioplastics Market estimates and forecasts, by Product, 2019 - 2030 (USD Million)

6.3.6.3 France Cellulose Bioplastics Market estimates and forecasts, by application, 2019 - 2030 (USD Million)

6.3.7 UK

6.3.7.1 UK Cellulose Bioplastics Market estimates and forecasts, 2019 - 2030 (USD Million)

6.3.7.2 UK Cellulose Bioplastics Market estimates and forecasts, by Product, 2019 - 2030 (USD Million)

6.3.7.3 UK Cellulose Bioplastics Market estimates and forecasts, by application, 2019 - 2030 (USD Million)

6.4 Asia Pacific

6.4.1 Asia Pacific Cellulose Bioplastics Market estimates and forecasts, 2019 - 2030 (USD Million)

6.4.2 Asia Pacific Cellulose Bioplastics Market estimates and forecasts, by application, 2019 - 2030 (USD Million)

6.4.3 Asia Pacific Cellulose Bioplastics Market estimates and forecasts, by Product, 2019 - 2030 (USD Million)

6.4.5 China

6.4.5.1 China Cellulose Bioplastics Market estimates and forecasts, 2019 - 2030 (USD Million)

6.4.5.2 China Cellulose Bioplastics Market estimates and forecasts, by Product, 2019 - 2030 (USD Million)

6.4.5.3 China Cellulose Bioplastics Market estimates and forecasts, by application, 2019 - 2030 (USD Million)

6.4.6 India

6.4.6.1 India Cellulose Bioplastics Market estimates and forecasts, 2019 - 2030 (USD Million)

6.4.6.2 India Cellulose Bioplastics Market estimates and forecasts, by Product, 2019 - 2030 (USD Million)

6.4.6.3 India Cellulose Bioplastics Market estimates and forecasts, by application, 2019 - 2030 (USD Million)

6.4.7 Japan

6.4.7.1 Japan Cellulose Bioplastics Market estimates and forecasts, 2019 - 2030 (USD Million)

6.4.7.2 Japan Cellulose Bioplastics Market estimates and forecasts, by Product, 2019 - 2030 (USD Million)

6.4.7.3 Japan Cellulose Bioplastics Market estimates and forecasts, by application, 2019 - 2030 (USD Million)

6.5 Central & South America

6.5.1 Central & South America Cellulose Bioplastics Market estimates and forecasts, 2019 - 2030 (USD Million)

6.5.2 Central & South America Cellulose Bioplastics Market estimates and forecasts, by Product, 2019 - 2030 (USD Million)

6.5.3 Central & South America Cellulose Bioplastics Market estimates and forecasts, by application, 2019 - 2030 (USD Million)

6.5.5 Brazil

6.5.5.1 Brazil Cellulose Bioplastics Market estimates and forecasts, 2019 - 2030 (USD Million)

6.5.5.2 Brazil Cellulose Bioplastics Market estimates and forecasts, by Product, 2019 - 2030 (USD Million)

6.5.5.3 Brazil Cellulose Bioplastics Market estimates and forecasts, by application, 2019 - 2030 (USD Million)

6.6 Middle East & Africa

6.6.1 Middle East & Africa Cellulose Bioplastics Market estimates and forecasts, 2019 - 2030 (USD Million)

6.6.2 Middle East & Africa Cellulose Bioplastics Market estimates and forecasts, by

Product, 2019 - 2030 (USD Million)

6.6.3 Middle East & Africa Cellulose Bioplastics Market estimates and forecasts, by application, 2019 - 2030 (USD Million)

CHAPTER 7 COMPETITIVE ANALYSIS

7.1 Key global players, recent developments carried out by them, and their impact on the industry

7.2 Company/competition categorization (key innovators, market leaders, and emerging players)

7.3 Vendor Landscape

7.3.1 List of key distributors and channel partners

7.3.2 List of End-Users

7.4 List of Public Companies

7.4.1 List of key distributors and channel partners

7.4.2 List of End-Users

7.5 List of Public Companies

7.5.1 List of key distributors and channel partners

CHAPTER 8 COMPANY PROFILES

8.1 Celanese Corporation

8.1.1 Company Overview

8.1.2 Financial Performance

8.1.3 Product Benchmarking

8.2 Solvay

8.2.1 Company overview

8.2.1 Product benchmarking

8.3 Daicel Chemical Industries

8.3.1 Company Overview

8.3.2 Financial Performance

8.3.3 Product benchmarking

8.4 Mitsubishi Rayon Company Limited

8.4.1 Company overview

8.4.2 Financial performance

8.4.3 Product benchmarking

8.5 Eastman Chemical Company

8.5.1 Company Overview

8.5.2 Financial performance

- 8.5.3 Product benchmarking
- 8.5.4 Strategic initiatives
- 8.6 SK Chemicals Co. Ltd.
 - 8.6.1 Company Overview
 - 8.6.2 Financial performance
 - 8.6.3 Product benchmarking
 - 8.6.4 Strategic initiatives
- 8.7 Rayonier Advanced Materials
 - 8.7.1 Company overview
 - 8.7.2 Financial performance
 - 8.7.3 Product Benchmarking
 - 8.7.4 Strategic initiatives
- 8.8 Sappi
 - 8.8.1 Company overview
 - 8.8.2 Financial performance
 - 8.8.3 Product Benchmarking
- 8.9 Merck Millipore
 - 8.9.1 Company overview
 - 8.9.2 Financial performance
 - 8.9.3 Product benchmarking
 - 8.9.4 strategic initiatives
- 8.10 Haihang Industry
 - 8.10.1 company overview
 - 8.10.2 financial performance
 - 8.10.3 Product Benchmarking

List Of Tables

LIST OF TABLES

Table 1 List of Abbreviations

Table 2 Cellulose Bioplastics Market estimates and forecasts, by Cellulose Butyrate, 2019 - 2030 (USD Million)

Table 3 Cellulose Bioplastics Market estimates and forecasts, by Cellulose Acetate, 2019 - 2030 (USD Million)

Table 4 Cellulose Bioplastics Market estimates and forecasts, by Cellulose Propionate, 2019 - 2030 (USD Million)

Table 5 Cellulose Bioplastics Market estimates and forecasts, by Others, 2019 - 2030 (USD Million)

Table 6 Cellulose Bioplastics Market estimates and forecasts, by Packaging, 2019 - 2030 (USD Million)

Table 7 Cellulose Bioplastics Market estimates and forecasts, by Agriculture, 2019 - 2030 (USD Million)

Table 8 Cellulose Bioplastics Market estimates and forecasts, by Consumer Goods, 2019 - 2030 (USD Million)

Table 9 Cellulose Bioplastics Market estimates and forecasts, by Textile, 2019 - 2030 (USD Million)

Table 10 Cellulose Bioplastics Market estimates and forecasts, by Automotive & Transportation, 2019 - 2030 (USD Million)

Table 11 Cellulose Bioplastics Market estimates and forecasts, by Building & Construction, 2019 - 2030 (USD Million)

Table 12 Cellulose Bioplastics Market estimates and forecasts, by others, 2019 - 2030 (USD Million)

Table 13 North America Cellulose Bioplastics Market estimates and forecasts, 2019 - 2030 (USD Million)

Table 14 North America Cellulose Bioplastics Market estimates and forecasts, by application, 2019 - 2030 (USD Million)

Table 15 North America Cellulose Bioplastics Market estimates and forecasts, by Product, 2019 - 2030 (USD Million)

Table 16 U.S. Cellulose Bioplastics Market estimates and forecasts, 2019 - 2030 (USD Million)

Table 17 U.S. Cellulose Bioplastics Market estimates and forecast, by application, 2019 - 2030 (USD Million)

Table 18 U.S. Cellulose Bioplastics Market estimates and forecast, by Product, 2019 - 2030 (USD Million)

Table 19 Canada Cellulose Bioplastics Market estimates and forecasts, 2019 - 2030 (USD Million)

Table 20 Canada Cellulose Bioplastics Market estimates and forecast, by application, 2019 - 2030 (USD Million)

Table 21 Canada Cellulose Bioplastics Market estimates and forecast, by Product, 2019 - 2030 (USD Million)

Table 22 Mexico Cellulose Bioplastics Market estimates and forecasts, 2019 - 2030 (USD Million)

Table 23 Mexico Cellulose Bioplastics Market estimates and forecast, by application, 2019 - 2030 (USD Million)

Table 24 Mexico Cellulose Bioplastics Market estimates and forecast, by Product, 2019 - 2030 (USD Million)

Table 25 Europe Cellulose Bioplastics Market estimates and forecast 2019 - 2030 (USD Million)

Table 26 Europe Cellulose Bioplastics Market estimates and forecast, by application, 2019 - 2030 (USD Million)

Table 27 Europe Cellulose Bioplastics Market estimates and forecast, by Product, 2019 - 2030 (USD Million)

Table 28 Germany Cellulose Bioplastics Market estimates and forecast 2019 - 2030 (USD Million)

Table 29 Germany Cellulose Bioplastics Market estimates and forecast, by application, 2019 - 2030 (USD Million)

Table 30 Germany Cellulose Bioplastics Market estimates and forecast, by Product, 2019 - 2030 (USD Million)

Table 31 France Cellulose Bioplastics Market estimates and forecast 2019 - 2030 (USD Million)

Table 32 France Cellulose Bioplastics Market estimates and forecast, by application, 2019 - 2030 (USD Million)

Table 33 France Cellulose Bioplastics Market estimates and forecast, by Product, 2019 - 2030 (USD Million)

Table 34 UK Cellulose Bioplastics Market estimates and forecast 2019 - 2030 (USD Million)

Table 35 UK Cellulose Bioplastics Market estimates and forecast, by application, 2019 – 2030 (USD Million)

Table 36 UK Cellulose Bioplastics Market estimates and forecast, by Product, 2019 - 2030 (USD Million)

Table 37 Asia Pacific Cellulose Bioplastics Market estimates and forecast 2019 - 2030 (USD Million)

Table 38 Asia Pacific Cellulose Bioplastics Market estimates and forecast, by

application, 2019 - 2030 (USD Million)

Table 39 Asia Pacific Cellulose Bioplastics Market estimates and forecast, by Product, 2019 - 2030 (USD Million)

Table 40 China Cellulose Bioplastics Market estimates and forecast 2019 - 2030 (USD Million)

Table 41 China Cellulose Bioplastics Market estimates and forecast, by application, 2019 - 2030 (USD Million)

Table 42 China Cellulose Bioplastics Market estimates and forecast, by Product, 2019 - 2030 (USD Million)

Table 43 India Cellulose Bioplastics Market estimates and forecast 2019 - 2030 (USD Million)

Table 44 India Cellulose Bioplastics Market estimates and forecast, by application, 2019 - 2030 (USD Million)

Table 45 India Cellulose Bioplastics Market estimates and forecast, by Product, 2019 - 2030 (USD Million)

Table 46 Japan Cellulose Bioplastics Market estimates and forecast 2019 - 2030 (USD Million)

Table 47 Japan Cellulose Bioplastics Market estimates and forecast, by application, 2019 - 2030 (USD Million)

Table 48 Japan Cellulose Bioplastics Market estimates and forecast, by Product, 2019 - 2030 (USD Million)

Table 49 Central & South America Cellulose Bioplastics Market estimates and forecast 2019 - 2030 (USD Million)

Table 50 Central & South America Cellulose Bioplastics Market estimates and forecast, by application, 2019 - 2030 (USD Million)

Table 51 Central & South America Cellulose Bioplastics Market estimates and forecast, by Product, 2019 - 2030 (USD Million)

Table 52 Brazil Cellulose Bioplastics Market estimates and forecast 2019 - 2030 (USD Million)

Table 53 Brazil Cellulose Bioplastics Market estimates and forecast, by application, 2019 - 2030 (USD Million)

Table 54 Brazil Cellulose Bioplastics Market estimates and forecast, by Product, 2019 - 2030 (USD Million)

Table 55 Middle East & Africa Cellulose Bioplastics Market estimates and forecast 2019 - 2030 (USD Million)

Table 56 Middle East & Africa Cellulose Bioplastics Market estimates and forecast, by application, 2019 - 2030 (USD Million)

Table 57 Middle East & Africa Cellulose Bioplastics Market estimates and forecast, by Product, 2019 - 2030 (USD Million)

List Of Figures

LIST OF FIGURES

- Fig. 1 Information procurement
- Fig. 2 Primary research pattern
- Fig. 3 Primary Research Process
- Fig. 4 Market research approaches - Bottom-Up Approach
- Fig. 5 Market research approaches - Top-Down Approach
- Fig. 6 Market research approaches - Combined Approach
- Fig. 7 Global Cellulose Bioplastics Market Snapshot, 2021 (USD Million)
- Fig. 8 Cellulose Bioplastics Market Segmentation
- Fig. 9 Cellulose Bioplastics Market - Penetration & Growth Prospect Mapping, 2021
- Fig. 10 Cellulose Bioplastics Market - Value Chain Analysis
- Fig. 11 Porter's Five Forces Analysis: Cellulose Bioplastics Market
- Fig. 12 PESTEL Analysis: Cellulose Bioplastics Market
- Fig. 13 Cellulose Bioplastics Market: Product movement analysis, 2021 & 2030
- Fig. 14 Cellulose Bioplastics Market: Application movement analysis, 2021 & 2030
- Fig. 15 Cellulose Bioplastics Market: Region movement analysis, 2021 & 2030

I would like to order

Product name: Cellulose Bioplastic Market Size, Share & Trends Analysis Report By Application (Packaging, Agriculture, Consumer Goods, Textile, Automotive & Transportation, Building & Construction, Others), By Product, By Region, And Segment Forecasts, 2022 - 2030

Product link: <https://marketpublishers.com/r/C2C43B0F4C20EN.html>

Price: US\$ 5,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/C2C43B0F4C20EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970