

# **Starch-based Packaging Market Size, Share & Trends Analysis Report By Product (Bags & Pouches, Films & Wraps, Bottles), By End-use (Food & Beverages, E-commerce), By Region (North America, Europe, Asia Pacific), And Segment Forecasts, 2025 - 2030**

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## **Abstracts**

This report can be delivered to the clients within 3 Business days

### **Starch-based Packaging Market Growth & Trends**

The global starch-based packaging market is anticipated to reach USD 11.64 billion by 2030 and is projected to grow at a CAGR of 6.6% from 2025 to 2030, according to a new report by Grand View Research, Inc. Environmental concerns and regulatory pressures are primary drivers of the starch-based packaging industry. As governments worldwide implement stricter regulations on single-use plastics and set higher sustainability targets, manufacturers are increasingly turning to biodegradable alternatives. Starch-based packaging, derived from renewable resources such as corn, potato, and tapioca, offers a compelling solution that can decompose naturally within months rather than centuries, making it attractive to companies seeking to comply with environmental regulations and reduce their carbon footprint.

Consumer awareness and demand for eco-friendly products have dramatically shifted market dynamics. Modern consumers are more environmentally conscious and willing to pay premium prices for sustainable packaging options. This shift in consumer behavior has prompted major brands across the food, beverage, cosmetics, and pharmaceutical industries to incorporate starch-based packaging into their sustainability strategies, creating significant market pull and driving innovation in the sector. For instance, in December 2024, Zomato, an Indian online food ordering and

delivery service, launched the Plastic-Free Future Program, a long-term initiative to recognize and promote restaurant partners adopting sustainable, plastic-free packaging for food deliveries. This campaign aims to accelerate the adoption of sustainable packaging, including starch-based packaging, across the food delivery industry.

Technological advancements have substantially improved the performance characteristics of starch-based materials. Initial iterations faced limitations in moisture resistance, structural integrity, and shelf-life, but recent innovations have enhanced these properties considerably. The development of starch blends with other biopolymers, improved processing techniques, and novel coating technologies has created starch-based packaging solutions that can now compete with conventional plastics in many applications, expanding their market potential.

Economic factors are increasingly favoring starch-based alternatives as production scales up and petroleum prices fluctuate. While traditionally more expensive than conventional plastics, starch-based packaging is becoming more cost-competitive due to economies of scale, process optimizations, and rising oil prices affecting traditional plastic production costs. In addition, the agricultural sector benefits from increased demand for starch crops, creating positive economic ripple effects in farming communities and potentially opening new revenue streams for agricultural waste conversion into valuable packaging materials.

### Starch-based Packaging Market Report Highlights

The films & wraps segment held the largest share of over 45.0% of the market in 2024 and is expected to grow at the fastest CAGR of 7.1% during the forecast period.

Based on end-use, the food & beverages segment dominated the market in 2024 by accounting for the largest revenue share of over 59.0% and is projected to grow at the fastest CAGR of 7.1% over the forecast period of 2025 to 2030.

Europe dominated the market space by registering the largest revenue market share of over 32.0% in 2024.

Asia Pacific is anticipated to grow at the fastest CAGR of 6.1% during the forecast period.

In November 2021, Ingredion Incorporated launched FILMKOTE 2030 barrier starch, a new sustainable, fluorochemical-free solution designed to provide high-performing oil and grease resistance (OGR) for food service packaging. Sourced from corn, FILMKOTE 2030 enables paper and packaging producers to replace traditional fluorochemicals, commonly used in fast food packaging. This innovation reflects the company's ongoing commitment to sustainable ingredient solutions for the packaging industry.

## Contents

### CHAPTER 1. METHODOLOGY AND SCOPE

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

### CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Market Snapshot, 2024 (USD Million)
- 2.2. Segmental Snapshot
- 2.3. Competitive Landscape Snapshot

### CHAPTER 3. GLOBAL STARCH-BASED PACKAGING MARKET VARIABLES, TRENDS, AND SCOPE

- 3.1. Market Lineage Outlook
  - 3.1.1. Parent Market Outlook
- 3.2. Penetration & Growth Prospect Mapping
- 3.3. Industry Value Chain Analysis
  - 3.3.1. Raw Material Trends
- 3.4. Manufacturing Trends
- 3.5. Lifecycle Analysis of Cornstarch Packaging in the Bioeconomy Landscape
- 3.6. Regulatory Framework
- 3.7. Market Dynamics
  - 3.7.1. Market Driver Analysis
  - 3.7.2. Market Restraint Analysis

- 3.7.3. Market Challenge Analysis
- 3.8. Business Environment Analysis
  - 3.8.1. Porter's Five Forces Analysis
  - 3.8.2. PESTEL Analysis

## **CHAPTER 4. GLOBAL STARCH-BASED PACKAGING MARKET: PRODUCT ESTIMATES & TREND ANALYSIS**

- 4.1. Key Takeaways
- 4.2. Product Movement Analysis & Market Share, 2024 & 2030
  - 4.2.1. Bags & Pouches
    - 4.2.1.1. Market estimates and forecasts, 2018 - 2030 (USD Million)
  - 4.2.2. Films & Wraps
    - 4.2.2.1. Market estimates and forecasts, 2018 - 2030 (USD Million)
  - 4.2.3. Bottles
    - 4.2.3.1. Market estimates and forecasts, 2018 - 2030 (USD Million)
  - 4.2.4. Others
    - 4.2.4.1. Market estimates and forecasts, 2018 - 2030 (USD Million)

## **CHAPTER 5. GLOBAL STARCH-BASED PACKAGING MARKET: END USE ESTIMATES & TREND ANALYSIS**

- 5.1. Key Takeaways
- 5.2. End Use Movement Analysis & Market Share, 2024 & 2030
  - 5.2.1. Food & Beverages
    - 5.2.1.1. Market estimates and forecasts, 2018 - 2030 (USD Million)
  - 5.2.2. E-commerce
    - 5.2.2.1. Market estimates and forecasts, 2018 - 2030 (USD Million)
  - 5.2.3. Others
    - 5.2.3.1. Market estimates and forecasts, 2018 - 2030 (USD Million)

## **CHAPTER 6. GLOBAL STARCH-BASED PACKAGING MARKET: REGION ESTIMATES & TREND ANALYSIS**

- 6.1. Key Takeaways
- 6.2. Regional Movement Analysis & Market Share, 2024 & 2030
- 6.3. North America
  - 6.3.1. North America Starch-based Packaging Market Estimates & Forecasts, 2018 - 2030 (USD Million)

### 6.3.2. U.S.

6.3.2.1. U.S. Starch-based Packaging Market Estimates & Forecasts, 2018 - 2030  
(USD Million)

### 6.3.3. Canada

6.3.3.1. Canada Starch-based Packaging Market Estimates & Forecasts, 2018 - 2030  
(USD Million)

### 6.3.4. Mexico

6.3.4.1. Mexico Starch-based Packaging Market Estimates & Forecasts, 2018 - 2030  
(USD Million)

## 6.4. Europe

6.4.1. Europe Starch-based Packaging Market Estimates & Forecasts, 2018 - 2030  
(USD Million)

### 6.4.2. Germany

6.4.2.1. Germany Starch-based Packaging Market Estimates & Forecasts, 2018 - 2030  
(USD Million)

### 6.4.3. UK

6.4.3.1. UK Starch-based Packaging Market Estimates & Forecasts, 2018 - 2030  
(USD Million)

### 6.4.4. France

6.4.4.1. France Starch-based Packaging Market Estimates & Forecasts, 2018 - 2030  
(USD Million)

### 6.4.5. Italy

6.4.5.1. Italy Starch-based Packaging Market Estimates & Forecasts, 2018 - 2030  
(USD Million)

### 6.4.6. Spain

6.4.6.1. Spain Starch-based Packaging Market Estimates & Forecasts, 2018 - 2030  
(USD Million)

## 6.5. Asia Pacific

6.5.1. Asia Pacific Starch-based Packaging Market Estimates & Forecasts, 2018 - 2030  
(USD Million)

### 6.5.2. China

6.5.2.1. China Starch-based Packaging Market Estimates & Forecasts, 2018 - 2030  
(USD Million)

### 6.5.3. India

6.5.3.1. India Starch-based Packaging Market Estimates & Forecasts, 2018 - 2030  
(USD Million)

### 6.5.4. Japan

6.5.4.1. Japan Starch-based Packaging Market Estimates & Forecasts, 2018 - 2030  
(USD Million)

#### 6.5.5. Australia

6.5.5.1. Australia Starch-based Packaging Market Estimates & Forecasts, 2018 - 2030 (USD Million)

#### 6.5.6. South Korea

6.5.6.1. South Korea Starch-based Packaging Market Estimates & Forecasts, 2018 - 2030 (USD Million)

#### 6.6. Central & South America

6.6.1. Central & South America Starch-based Packaging Market Estimates & Forecasts, 2018 - 2030 (USD Million)

#### 6.6.2. Brazil

6.6.2.1. Brazil Starch-based Packaging Market Estimates & Forecasts, 2018 - 2030 (USD Million)

#### 6.6.3. Argentina

6.6.3.1. Argentina Starch-based Packaging Market Estimates & Forecasts, 2018 - 2030 (USD Million)

#### 6.7. Middle East & Africa

6.7.1. Middle East & Africa Starch-based Packaging Market Estimates & Forecasts, 2018 - 2030 (USD Million)

#### 6.7.2. Saudi Arabia

6.7.2.1. Saudi Arabia Starch-based Packaging Market Estimates & Forecasts, 2018 - 2030 (USD Million)

#### 6.7.3. UAE

6.7.3.1. UAE Starch-based Packaging Market Estimates & Forecasts, 2018 - 2030 (USD Million)

#### 6.7.4. South Africa

6.7.4.1. South Africa Starch-based Packaging Market Estimates & Forecasts, 2018 - 2030 (USD Million)

## **CHAPTER 7. COMPETITIVE LANDSCAPE**

7.1. Key Global Players & Recent Developments & Their Impact on the Industry

7.2. Company/Competition Categorization

7.3. Vendor Landscape

7.3.1. List of Raw Material Suppliers and Key Value Chain Partners

7.3.2. List of Potential Customers

7.4. Company Market Position Analysis

7.5. Company Heat Map Analysis

7.6. Strategy Mapping

7.6.1. Expansions

- 7.6.2. Mergers & Acquisitions
- 7.6.3. Collaborations/Partnerships/Agreements
- 7.6.4. New Product Launches
- 7.6.5. Others

## **CHAPTER 8. COMPANY LISTING (OVERVIEW, FINANCIAL PERFORMANCE, PRODUCTS OVERVIEW)**

- 8.1. Bluecraft Agro
  - 8.1.1. Company Overview
  - 8.1.2. Financial Performance
  - 8.1.3. Product Benchmarking
- 8.2. Storopack Hans Reichenecker GmbH
- 8.3. Cargill
- 8.4. Biogreen Bags
- 8.5. Amtrex Nature Care Pvt. Ltd.
- 8.6. Easy Green Eco Packaging Co., Ltd.
- 8.7. PakFactory Inc.
- 8.8. Ecolastic
- 8.9. Packman Packaging
- 8.10. PaperFoam
- 8.11. Oimo
- 8.12. Bharat Compostables
- 8.13. LeKAC Sourcing Limited
- 8.14. Unique Packaging Solutions Ltd



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