

# Corn Starch Market Report by Category (Native Starch, Modified Starch, Sweeteners), Application (Food & Beverages, Animal Feed, Pharmaceuticals & Chemicals, Textile, Paper & Corrugates, and Others), and Region 2024-2032

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## Abstracts

The global corn starch market size reached 86.4 Million Tons in 2023. Looking forward, IMARC Group expects the market to reach 106.3 Million Tons by 2032, exhibiting a growth rate (CAGR) of 2.3% during 2024-2032. The increasing product demand from food and beverage (F&B) sector, advancements in extraction and modification technologies, rising awareness of sustainable practices, rapid globalization and increasing trade activities, and widespread product utilization in the pharmaceutical industry are some of the major factors propelling the market.

Corn starch refers to a carbohydrate extracted from the endosperm of corn kernels. It is produced through a milling process that separates the protein and fiber from the starch, followed by refining and drying to obtain the white, powdery substance. Corn starch is widely used in soups, sauces, meat products, baked goods, paper production, pharmaceuticals, textiles, cosmetics, biodegradable plastics, ethanol production, and arts and crafts. It is a cost-effective, versatile, and gluten-free product that offers a neutral flavor, stable properties under varying temperatures, easy digestibility, and hypoallergenic characteristics.

The rapid globalization and increasing trade activities, which are making corn starch more accessible across different regions, are propelling the market growth. Furthermore, the rising demand for processed food due to increasing urbanization activities is contributing to the market growth. Additionally, the widespread product utilization in the pharmaceutical industry for the formulation of tablets and as a coating

agent is boosting the market growth. Besides this, the increasing product adoption in the textile industry for sizing and finishing applications is favoring the market growth. In addition, the growing product utilization as a binder and filler in the pet food industry is positively influencing the market growth. Moreover, the expansion of e-commerce platforms that offer a wider distribution channel for corn starch-based products is catalyzing the market growth.

#### Corn Starch Market Trends/Drivers:

The increasing product adoption in the food and beverage (F&B) sector

The growing demand for cornstarch in the food and beverage (F&B) industry is an important factor propelling the market growth. Corn starch is primarily utilized as an emulsifier, thickening agent, and stabilizer in various food products, such as sauces, soups, desserts, and baby foods. Furthermore, the shifting trend towards processed and packaged foods is acting as another growth-inducing factor. Apart from this, the ability of cornstarch to withstand various processing conditions, like high temperatures and acidic environments, further bolsters its demand among food manufacturers. Additionally, the push for cleaner and natural ingredients favors corn starch, which is perceived as a more natural and less processed alternative to artificial additives. Moreover, it plays an essential role in meeting consumer demand for healthier yet convenient food choices.

The advancements in extraction and modification technologies

Technological advancements in the field of corn starch extraction and modification are playing a pivotal role in driving the market. Newer technologies facilitate greater yield, cost-efficiency, and purity, making the substance more viable for a broader range of applications. In line with this, the introduction of enzymatic processes to carry out more effective isolation and modification of corn starch is positively influencing the market growth. Additionally, the advent of modified starches, which are engineered to have specific functional properties like high heat resistance or slow digestibility, is acting as another growth-inducing factor. Furthermore, these specialized products are providing new opportunities for the utilization of corn starch in various industries, including pharmaceuticals, construction, and textiles. As a result, technology serves as both an enabler and accelerator for the corn starch market, diversifying its uses and improving its overall economic viability.

The rising awareness of sustainable practices

Sustainability is a central business imperative that is significantly impacting various industries, including the corn starch market. Corn starch, being a bio-based and biodegradable material, is well-aligned with this rising tide of environmental awareness. Companies are keen to replace synthetic and petroleum-based materials with more sustainable alternatives, and corn starch fits this preference perfectly. Moreover, its application as a biodegradable plastic, an eco-friendly adhesive, and an ingredient in the development of biofuels makes corn starch an attractive option for those looking to minimize their carbon footprint. Besides this, the increasing governmental regulations on environmental responsibility and the adoption of eco-friendly products are propelling the market growth. Additionally, the implementation of the circular economy model, which emphasizes the sustainable use of resources, also complements the use of renewable materials like corn starch.

#### Corn Starch Industry Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global corn starch market report, along with forecasts at the global and country levels for 2024-2032. Our report has categorized the market based on category and application.

#### Breakup by Category:

Native Starch

Modified Starch

Sweeteners

Sweeteners dominates the market

The report has provided a detailed breakup and analysis of the market based on category. This includes native starch, modified starch, and sweeteners. According to the report, sweeteners represented the largest segment.

Sweeteners derived from corn starch can be used in a wide range of edible products, including soft drinks, baked goods, cereals, condiments, and processed foods. Their versatility makes them a high-demand ingredient in the food industry. Furthermore, they are more cost-effective than other sweeteners, such as cane sugar, which makes them an attractive choice for food and beverage (F&B) manufacturers. Corn starch-based sweeteners contribute to the preservation and extension of the shelf life of many food products. Their moisture-retaining properties and resistance to microbial growth make them a valuable ingredient in processed foods. Besides this, they provide a sweet taste that balances the flavors of various ingredients, thus making them a preferred choice for

formulating products with consistent taste.

Breakup by Application:

- Food & Beverages
- Animal Feed
- Pharmaceuticals & Chemicals
- Textile
- Paper & Corrugates
- Others

Food & beverages hold the largest share in the market

A detailed breakup and analysis of the market based on application has also been provided in the report. This includes food & beverages, animal feed, pharmaceuticals & chemicals, textile, paper & corrugates, and others. According to the report, food & beverages represented the largest segment.

Corn starch is a highly versatile ingredient with myriad applications in the food and beverage (F&B) industry. It serves as a thickening agent, stabilizer, and texturizer in numerous products, making it a crucial component in many recipes. Additionally, it is known for its ability to enhance the texture and mouthfeel of various food products. In line with this, corn starch can create smooth and creamy textures in sauces, soups, and desserts, and it is often used to achieve the desired consistency in foods, such as puddings and gravies. Furthermore, it is a common ingredient in a variety of processed foods, including baked goods, snacks, ready-to-eat (RTE) meals, and dairy products. Moreover, corn starch is naturally gluten-free, making it a valuable ingredient for gluten-free and allergen-sensitive consumers.

Breakup by Region:

- United States
- China
- European Union
- Others

United States exhibits a clear dominance, accounting for the largest corn starch market share

The market research report has also provided a comprehensive analysis of all the major regional markets, which include United States, China, European Union, and others. According to the report, United States accounted for the largest market share.

The United States (US) has consistently been one of the largest producers of corn, which provides the raw material needed for corn starch production. Additionally, US farmers employ advanced agricultural practices, including the use of genetically modified corn varieties that are optimized for starch content and yield. These practices lead to higher corn production and starch extraction efficiency. Furthermore, the United States has well-developed infrastructure and modern processing facilities for corn starch extraction, including corn wet milling plants that can efficiently process large quantities of corn into starch and related products. Moreover, the US corn starch industry benefits from economies of scale, which result in cost-efficient production. Apart from this, the industry's competitiveness in terms of production costs allows US manufacturers to export corn starch competitively to international markets.

#### Competitive Landscape:

Leading companies in the corn starch market are diversifying their product offerings to cater to various industries and applications. This includes producing modified starches, sweeteners, and value-added derivatives for use in food, beverages, pharmaceuticals, and industrial applications. Furthermore, several market players are focusing on sustainability to meet consumer demands and reduce their environmental footprint. This involves sustainable sourcing of corn, reducing water and energy consumption in production processes, and implementing eco-friendly packaging solutions. Additionally, top manufacturers are expanding their production and distribution networks to serve international markets by establishing manufacturing facilities or distribution centers in regions with growing demand for corn starch and related products. Moreover, companies are investing in research and innovation to improve product quality, develop innovative applications, and optimize production processes.

The report has provided a comprehensive analysis of the competitive landscape in the market. Detailed profiles of all major companies have also been provided. Some of the key players in the market include:

Cargill, Incorporated  
Archer Daniels Midland (ADM) Company  
Ingredion Incorporated  
Roquette Frères S.A  
Tate & Lyle PLC

#### Recent Developments:

In September 2022, Cargill established a new corn wet mill in Indonesia, which will assist in meeting the growing demand for starches, sweeteners, and feed in Asia.

In May 2022, Archer Daniels Midland (ADM) Company announced its plans to expand starch production capacity at its Marshal corn processing facility.

In September 2022, Ingredion Incorporated established a new state-of-the-art sustainable starch manufacturing plant in China.

#### Key Questions Answered in This Report

1. What is the size of the global corn starch market in 2023?
2. What is the expected growth rate of the global corn starch market during 2024-2032?
3. What are the key factors driving the global corn starch market?
4. What has been the impact of COVID-19 on the global corn starch market?
5. What is the breakup of the global corn starch market based on the category?
6. What is the breakup of the global corn starch market based on the application?
7. What are the key regions in the global corn starch market?
8. Who are the key players/companies in the global corn starch market?

## Contents

### 1 PREFACE

### 2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
  - 2.3.1 Primary Sources
  - 2.3.2 Secondary Sources
- 2.4 Market Estimation
  - 2.4.1 Bottom-Up Approach
  - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

### 3 EXECUTIVE SUMMARY

### 4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

### 5 GLOBAL CORN INDUSTRY

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Market Breakup by Region
- 5.4 Starch Market Breakup by Feedstock
- 5.5 Market Breakup by Application
- 5.6 Market Forecast

### 6 GLOBAL CORN STARCH MARKET

- 6.1 Market Overview
- 6.2 Market Performance
  - 6.2.1 Volume Trends

- 6.2.2 Value Trends
- 6.3 Impact of COVID-19
- 6.4 Price Analysis
  - 6.4.1 Key Price Indicators
  - 6.4.2 Price Structure
  - 6.4.3 Price Trends
- 6.5 Market Breakup by Category
- 6.6 Market Breakup by Application
- 6.7 Market Breakup by Region
- 6.8 Market Forecast
- 6.9 SWOT Analysis
  - 6.9.1 Overview
  - 6.9.2 Strengths
  - 6.9.3 Weaknesses
  - 6.9.4 Opportunities
  - 6.9.5 Threats
- 6.10 Value Chain Analysis
  - 6.10.1 Raw Material Procurement
  - 6.10.2 Manufacturing
  - 6.10.3 Marketing
  - 6.10.4 Distribution
  - 6.10.5 Export
  - 6.10.6 End-Use
- 6.11 Porter's Five Forces Analysis
  - 6.11.1 Overview
  - 6.11.2 Bargaining Power of Buyers
  - 6.11.3 Bargaining Power of Suppliers
  - 6.11.4 Degree of Competition
  - 6.11.5 Threat of New Entrants
  - 6.11.6 Threat of Substitutes
- 6.12 Key Market Drivers and Success Factors

## **7 MARKET BREAKUP BY CATEGORY**

- 7.1 Native Starch
  - 7.1.1 Market Trends
  - 7.1.2 Market Forecast
- 7.2 Modified Starch
  - 7.2.1 Market Trends



- 7.2.2 Market Forecast
- 7.3 Sweeteners
  - 7.3.1 Market Trends
  - 7.3.2 Market Forecast

## **8 MARKET BREAKUP BY APPLICATION**

- 8.1 Food & Beverages
  - 8.1.1 Market Trends
  - 8.1.2 Market Forecast
- 8.2 Animal Feed
  - 8.2.1 Market Trends
  - 8.2.2 Market Forecast
- 8.3 Pharmaceuticals & Chemicals
  - 8.3.1 Market Trends
  - 8.3.2 Market Forecast
- 8.4 Textile
  - 8.4.1 Market Trends
  - 8.4.2 Market Forecast
- 8.5 Paper & Corrugates
  - 8.5.1 Market Trends
  - 8.5.2 Market Forecast
- 8.6 Others
  - 8.6.1 Market Trends
  - 8.6.2 Market Forecast

## **9 MARKET BREAKUP BY REGION**

- 9.1 United States
  - 9.1.1 Market Trends
  - 9.1.2 Market Forecast
- 9.2 China
  - 9.2.1 Market Trends
  - 9.2.2 Market Forecast
- 9.3 European Union
  - 9.3.1 Market Trends
  - 9.3.2 Market Forecast
- 9.4 Others
  - 9.4.1 Market Trends

#### 9.4.2 Market Forecast

### **10 COMPETITIVE LANDSCAPE**

#### 10.1 Market Structure

#### 10.2 Market Breakup by Key Players

### **11 CORN STARCH MANUFACTURING PROCESS**

#### 11.1 Product Overview

#### 11.2 Detailed Process Flow

#### 11.3 Various Types of Unit Operations Involved

#### 11.4 Mass Balance and Raw Material Requirements

### **12 PROJECT DETAILS, REQUIREMENTS AND COSTS INVOLVED**

#### 12.1 Land Requirements and Expenditures

#### 12.2 Construction Requirements and Expenditures

#### 12.3 Plant Machinery

#### 12.4 Machinery Pictures

#### 12.5 Raw Material Requirements and Expenditures

#### 12.6 Raw Material and Final Product Pictures

#### 12.7 Packaging Requirements and Expenditures

#### 12.8 Transportation Requirements and Expenditures

#### 12.9 Utility Requirements and Expenditures

#### 12.10 Manpower Requirements and Expenditures

#### 12.11 Other Capital Investments

### **13 LOANS AND FINANCIAL ASSISTANCE**

### **14 PROJECT ECONOMICS**

#### 14.1 Capital Cost of the Project

#### 14.2 Techno-Economic Parameters

#### 14.3 Product Pricing and Margins Across Various Levels of the Supply Chain

#### 14.4 Taxation and Depreciation

#### 14.5 Income Projections

#### 14.6 Expenditure Projections

14.7 Financial Analysis

14.8 Profit Analysis

## **15 KEY PLAYER PROFILES**

15.1 Cargill, Incorporated

15.2 Archer Daniels Midland (ADM) Company

15.3 Ingredion Incorporated

15.4 Roquette Frères S.A

15.5 Tate & Lyle PLC

## List Of Tables

### LIST OF TABLES

Table 1: Global: Corn Market: Key Industry Highlights, 2023 and 2032

Table 2: Global: Starch and Corn Starch Market: Key Industry Highlights, 2023 and 2032

Table 3: Global: Corn Starch Market Forecast: Breakup by Category (in Million Tons), 2024-2032

Table 4: Global: Corn Starch Market Forecast: Breakup by Application (in Million Tons), 2024-2032

Table 5: Global: Corn Starch Market Forecast: Breakup by Region (in Million Tons), 2024-2032

Table 6: Global: Corn Starch Market: Import Data of Major Countries

Table 7: Global: Corn Starch Market: Export Data of Major Countries

Table 8: Global: Corn Starch Market: Competitive Structure

Table 9: Global: Corn Starch Industry: Key Players

Table 10: Corn Starch Manufacturing Plant: Costs Related to Land and Site Development (in US\$)

Table 11: Corn Starch Manufacturing Plant: Costs Related to Civil Works (in US\$)

Table 12: Corn Starch Manufacturing Plant: Machinery Costs (in US\$)

Table 13: Corn Starch Manufacturing Plant: Raw Material Requirements (in Tons/Day) and Expenditures (US\$/Ton)

Table 14: Corn Starch Manufacturing Plant: Costs Related to Salaries and Wages (in US\$)

Table 15: Corn Starch Manufacturing Plant: Costs Related to Other Capital Investments (in US\$)

Table 16: Details of Financial Assistance Offered by Financial Institutions

Table 17: Corn Starch Manufacturing Plant: Capital Costs (in US\$)

Table 18: Corn Starch Manufacturing Plant: Techno-Economic Parameters

Table 19: Corn Starch Manufacturing Plant: Taxation (in US\$)

Table 20: Corn Starch Manufacturing Plant: Depreciation (in US\$)

Table 21: Corn Starch Manufacturing Plant: Income Projections (in US\$)

Table 22: Corn Starch Manufacturing Plant: Expenditure Projections (in US\$)

Table 23: Corn Starch Manufacturing Plant: Cash Flow Analysis Without Considering the Income Tax Liability (in US\$)

Table 24: Corn Starch Manufacturing Plant: Cash Flow Analysis on Considering the Income Tax Liability (in US\$)

Table 25: Corn Starch Manufacturing Plant: Profit and Loss Account (in US\$)



## List Of Figures

### LIST OF FIGURES

- Figure 1: Global: Corn Starch Market: Major Drivers and Challenges
- Figure 2: Global: Corn Market: Production Volume Trends (in Million Tons), 2018-2023
- Figure 3: Global: Corn Market: Production Value Trends (in Billion US\$), 2018-2023
- Figure 4: Global: Corn Market: Average Prices (in US\$/Ton), 2018-2032
- Figure 5: Global: Corn Market: Breakup by Region (in %), 2023
- Figure 6: Global: Corn Market: Breakup by Application (in %), 2023
- Figure 7: Global: Corn Market Forecast: Production Volume Trends (in Million Tons), 2024-2032
- Figure 8: Global: Corn Market Forecast: Production Value Trends (in Billion US\$), 2024-2032
- Figure 9: Global: Starch Market: Production Volume Trends (in Million Tons), 2018-2023
- Figure 10: Global: Starch Market: Production Value Trends (in Billion US\$), 2018-2023
- Figure 11: Global: Starch Market: Average Prices (in US\$/Ton), 2018-2032
- Figure 12: Global: Starch Market: Breakup by Feedstock (in %), 2023
- Figure 13: Global: Starch Market: Breakup by End-Use (in %), 2023
- Figure 14: Global: Starch Market: Breakup by Region (in %), 2023
- Figure 15: Global: Starch Market Forecast: Production Volume Trends (in Million Tons), 2024-2032
- Figure 16: Global: Starch Market Forecast: Production Value Trends (in Billion US\$), 2024-2032
- Figure 17: Global: Corn Starch Market: Production Volume Trends (in Million Tons), 2018-2023
- Figure 18: Global: Corn Starch Market: Production Value Trends (in Billion US\$), 2018-2023
- Figure 19: Corn Starch Market: Price Structure
- Figure 20: Global: Corn Starch Market: Average Prices (in US\$/Ton), 2018-2032
- Figure 21: Global: Corn Starch Market: Breakup by Category (in %), 2023
- Figure 22: Global: Corn Starch Market: Breakup by Application (in %), 2023
- Figure 23: Global: Corn Starch Market: Breakup by Region (in %), 2023
- Figure 24: Global: Corn Starch Market Forecast: Production Volume Trends (in Million Tons), 2024-2032
- Figure 25: Global: Corn Starch Market Forecast: Production Value Trends (in Billion US\$), 2024-2032
- Figure 26: Global: Corn Starch Market: Import Volume Breakup by Country (in %)
- Figure 27: Top Countries: Corn Starch Market: Import Volume Trends (in Million Tons)

- Figure 28: Global: Corn Starch Market: Export Volume Breakup by Country (in %)
- Figure 29: Top Countries: Corn Starch Market: Export Volume Trends (in Million Tons)
- Figure 30: Global: Corn Starch Industry: SWOT Analysis
- Figure 31: Global: Corn Starch Industry: Value Chain Analysis
- Figure 32: Global: Corn Starch Industry: Porter's Five Forces Analysis
- Figure 33: Global: Native Corn Starch Market: Volume Trends (in Million Tons), 2018 & 2023
- Figure 34: Global: Native Corn Starch Market Forecast: Volume Trends (in Million Tons), 2024-2032
- Figure 35: Global: Modified Corn Starch Market: Volume Trends (in Million Tons), 2018 & 2023
- Figure 36: Global: Modified Corn Starch Market Forecast: Volume Trends (in Million Tons), 2024-2032
- Figure 37: Global: Corn Starch Sweeteners Market: Volume Trends (in Million Tons), 2018 & 2023
- Figure 38: Global: Corn Starch Sweeteners Market Forecast: Volume Trends (in Million Tons), 2024-2032
- Figure 39: Global: Corn Starch Market (Application in Food & Beverages): Volume Trends (in Million Tons), 2018 & 2023
- Figure 40: Global: Corn Starch Market Forecast (Application in Food & Beverages): Volume Trends (in Million Tons), 2024-2032
- Figure 41: Global: Corn Starch Market (Application in Animal Feed): Volume Trends (in Million Tons), 2018 & 2023
- Figure 42: Global: Corn Starch Market Forecast (Application in Animal Feed): Volume Trends (in Million Tons), 2024-2032
- Figure 43: Global: Corn Starch Market (Application in Pharmaceuticals & Chemicals): Volume Trends (in Million Tons), 2018 & 2023
- Figure 44: Global: Corn Starch Market Forecast (Application in Pharmaceuticals & Chemicals): Volume Trends (in Million Tons), 2024-2032
- Figure 45: Global: Corn Starch Market (Application in Textile): Volume Trends (in Million Tons), 2018 & 2023
- Figure 46: Global: Corn Starch Market Forecast (Application in Textile): Volume Trends (in Million Tons), 2024-2032
- Figure 47: Global: Corn Starch Market (Application in Paper & Corrugates): Volume Trends (in Million Tons), 2018 & 2023
- Figure 48: Global: Corn Starch Market Forecast (Application in Paper & Corrugates): Volume Trends (in Million Tons), 2024-2032
- Figure 49: Global: Corn Starch Market (Other Applications): Volume Trends (in Million Tons), 2018 & 2023

Figure 50: Global: Corn Starch Market Forecast (Other Applications): Volume Trends (in Million Tons), 2024-2032

Figure 51: United States: Corn Starch Market: Volume Trends (in Million Tons), 2018 & 2023

Figure 52: United States: Corn Starch Market Forecast: Volume Trends (in Million Tons), 2024-2032

Figure 53: China: Corn Starch Market: Volume Trends (in Million Tons), 2018 & 2023

Figure 54: China: Corn Starch Market Forecast: Volume Trends (in Million Tons), 2024-2032

Figure 55: European Union: Corn Starch Market: Volume Trends (in Million Tons), 2018 & 2023

Figure 56: European Union: Corn Starch Market Forecast: Volume Trends (in Million Tons), 2024-2032

Figure 57: Others: Corn Starch Market: Volume Trends (in Million Tons), 2018 & 2023

Figure 58: Others: Corn Starch Market Forecast: Volume Trends (in Million Tons), 2024-2032

Figure 59: Global: Corn Starch Market: Breakup by Key Players (in %)

Figure 60: Corn Starch Manufacturing: Detailed Process Flow

Figure 61: Corn Starch Manufacturing: Conversion Rate of Feedstocks

Figure 62: Corn Starch Manufacturing Plant: Breakup of Capital Costs (in %)

Figure 63: Corn Starch Industry: Profit Margins at Various Levels of the Supply Chain

Figure 64: Corn Starch Production: Manufacturing Cost Breakup (in %)



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