

Starchy Roots Market Forecasts to 2034 – Global Analysis By Product (Cassava, Sweet Potatoes, Potatoes, Yam, Taro, Arrowroot, Turnips, Beetroot and Other Products), Nature (Organic and Conventional), Sales Channel, Application and By Geography

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Abstracts

According to Statistics MRC, the Global Starchy Roots Market is accounted for \$5.2 billion in 2026 and is expected to reach \$9.3 billion by 2034 growing at a CAGR of 7.5% during the forecast period. Starchy roots, a vital component of many diets worldwide, are underground plant parts rich in carbohydrates. These roots serve as staple foods for millions, offering energy and essential nutrients like vitamins, minerals, and fiber. Cultivated in diverse climates and soils, starchy roots are resilient crops with long shelf lives, making them crucial for food security in many regions. Their versatility allows for various culinary applications, from simple boiling or roasting to complex dishes like casseroles, soups, and desserts, enriching cuisines globally.

According to the International Trade Map, China, India, Russia, the United States, and Germany were the largest potato-producing countries globally in 2020, with their yields amounting to 78.2 million metric ton, 51.3 million metric ton, 19.6 million metric ton, 18.8 million metric ton, and 11.7 million metric ton, respectively.

Market Dynamics:

Driver:

Growing demand for staple foods

Starchy roots such as potatoes, sweet potatoes, and cassava are basic crops that are

essential to the global food chain. With increasing global population and changing dietary preferences, there's a consistent and rising need for affordable, nutrient-rich food sources. Starchy roots fulfil this demand by offering a reliable source of carbohydrates, vitamins, and minerals. Their versatility in culinary applications further enhances their appeal, driving consumption across various cuisines and food products.

Restraint:

Climate vulnerability

Starchy roots are highly susceptible to adverse weather conditions such as droughts, floods, and pests. These environmental factors can lead to reduced yields, crop failures, and quality issues, resulting in supply shortages and price volatility. Additionally, unpredictable weather patterns disrupt cultivation cycles and increase production risks for farmers, discouraging investment and expansion in starchy root farming. Overall, climate vulnerability undermines the stability and resilience of the starchy roots market, limiting its growth potential.

Opportunity:

Expansion of food processing industry

A vast array of processed food items, such as chips, snacks, flours, and noodles, depend on starchy roots like potatoes, cassava, and yams as essential raw materials. As the food processing sector continues to expand globally to meet the growing demand for convenient and value-added food products, the demand for starchy roots as ingredients or additives increases correspondingly. This trend creates lucrative opportunities for starchy root producers and processors, driving market growth through enhanced demand and integration into diverse food product portfolios.

Threat:

Storage and transportation challenges

Storage and transportation challenges in the starchy roots primarily stem from the root's perishable nature and bulkiness. Starchy roots require specialized storage conditions to prevent spoilage, including controlled temperature and humidity levels. Additionally, their bulkiness makes transportation logistics complex and costly, especially in regions with inadequate infrastructure. These challenges increase the risk

of post-harvest losses, lower product quality, and raise overall operational expenses for producers & distributors and thereby hinders the market expansion.

Covid-19 Impact

The covid-19 pandemic significantly impacted the starchy roots market in several ways. Disruptions in supply chains, labor shortages, and restrictions on movement hindered the production, distribution, and export of starchy roots. Additionally, economic uncertainties and reduced purchasing power among consumers influenced consumption patterns. Despite being staple foods, starchy roots faced challenges in accessing markets and adapting to changing consumer behaviours. Overall, the pandemic highlighted vulnerabilities in the starchy roots market and underscored the importance of resilience and adaptability.

The potatoes segment is expected to be the largest during the forecast period

The potatoes segment is estimated to have a lucrative growth. Potatoes play a pivotal role in the starchy roots sector due to their widespread consumption and versatile culinary applications. As a staple food in many diets worldwide, potatoes offer essential carbohydrates, vitamins, and minerals. They are used in various forms, including fresh, processed into chips, fries, and mashed potatoes, or as ingredients in soups, stews, and salads. Potatoes also serve as raw material for industrial processing, producing starch, flour, and alcohol. Potatoes remain a resilient crop, contributing significantly to food security and economic livelihoods in regions where they are cultivated.

The dietary supplements segment is expected to have the highest CAGR during the forecast period

The dietary supplements segment is anticipated to witness the highest CAGR growth during the forecast period, due to their rich nutritional profiles. These roots are abundant sources of carbohydrates, dietary fiber, vitamins, and minerals essential for overall health. They provide sustained energy, promote digestive health, and support immune function. Additionally, they are often incorporated into supplement formulations as natural binders or fillers. Their versatility and nutritional density make them valuable ingredients in dietary supplements, catering to the growing demand for natural and functional food products for health-conscious consumers.

Region with largest share:

In the Asia-Pacific region, the starchy roots market thrives as these roots are integral to the diets of many communities. Staple crops like cassava, sweet potatoes, and taro are extensively cultivated and consumed across diverse culinary traditions. Rapid urbanization and population growth drive demand, while favourable climatic conditions support cultivation. Moreover, increasing health consciousness and demand for natural, unprocessed foods bolster the market in the region.

Region with highest CAGR:

In Europe, the starchy roots market reflects a blend of traditional culinary heritage and evolving consumer preferences. While potatoes remain a dietary staple, other roots like cassava and sweet potatoes are gaining popularity due to their perceived health benefits and culinary versatility. The market is influenced by factors such as changing dietary patterns, increased demand for gluten-free and natural food products, and the rise of vegetarian and vegan diets. Overall, the starchy roots market in Europe presents opportunities for adaptation and expansion with innovations in processing techniques.

Key players in the market

Some of the key players profiled in the Starchy Roots Market include Aviko B.V., Conagra Brands, Lamb Weston Holding LLC, General Mills Inc, Simplot Company, Intersnack Group GmbH, Dole Foods Company, McCain Foods Limited, Limagrain Cereals Ingredients, BENEIO GmbH, Bunge Limited, Cargill Incorporated, Ingredion Incorporated, Tate & Lyle PLC, Emsland Group and Roquette Freres.

Key Developments:

In February 2024, General Mills launched the new starchy Old El Paso™ Toast Crunch™ Dessert Taco Shells. These Stand 'N Stuff™ dessert shells feature the crunch fans love from Old El Paso, now blasted with Cinnamon Toast Crunch's iconic Cinnadust™ for an unbeatable treat.

In July 2020, BENEIO has expanded its chicory root fiber and rice starch ingredient portfolios with two new organic solutions. The launch of the new additions include Remyline O AX DR, an organic waxy rice starch, and Orafiti Organic, a chicory root fiber.

Products Covered:

Cassava

Sweet Potatoes

Potatoes

Yam

Taro

Arrowroot

Turnips

Beetroot

Other Products

Natures Covered:

Organic

Conventional

Sales Channels Covered:

Convenience Stores

Departmental Stores

Modern Trade

Mom & Pop Stores

Other Sales Channel

Applications Covered:

Food & Beverage Industry

Animal Feed

Industrial Uses

Dietary Supplements

Pharmaceuticals

Paper & Pulp

Biofuel

Other Applications

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2023, 2024, 2025, 2026, 2027, 2028, 2030, 2032 and 2034
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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