

# Citrus Pulp Pellets Market Forecasts to 2032 – Global Analysis By Product Type (Pelletized Citrus Pulp and Fresh Citrus Pulp (Non-pellet)), Source (Orange-based, Grapefruit-based, Lemon-based and Other Sources), Application, End User and By Geography

<https://marketpublishers.com/r/CF664CCAD01DEN.html>

Date: September 2025

Pages: 200

Price: US\$ 4,150.00 (Single User License)

ID: CF664CCAD01DEN

## Abstracts

According to Statistics MRC, the Global Citrus Pulp Pellets Market is accounted for \$822.35 million in 2025 and is expected to reach \$1095.34 million by 2032 growing at a CAGR of 4.18% during the forecast period. Citrus Pulp Pellets (CPP) are a by-product obtained from the citrus juice industry, produced by drying and pelleting the residue left after extracting juice from oranges, lemons, limes, or grapefruits. They are a great source of energy for ruminant diets, especially those of cattle, and are high in soluble carbohydrates, fiber, and vital nutrients. They are a valuable feed ingredient that is frequently used to partially replace cereal grains in livestock rations due to their high digestibility and palatability. Furthermore, CPP lowers feed costs while improving rumen function because of its high pectin content. Citrus pulp reduces agricultural waste, which benefits the environment and makes CPP a sustainable and affordable feed source.

According to FAO World Animal Review, dried citrus pulp plays a significant role in livestock feeding: “Close to 700 000 tons of such dried citrus pulp is produced yearly in the United States,” with additional annual outputs of about 4 000 tons in Trinidad and 4 500 tons in Jamaica.

Market Dynamics:

Driver:

Growing need for nutrient-rich and sustainable animal feed

The market for citrus pulp pellets is significantly influenced by the growing global trend toward sustainable agriculture. CPP is an environmentally friendly feed option because it reduces waste as a by-product of processing citrus juice. It is a very nutrient-dense supplement to ruminant diets, high in soluble carbohydrates, fiber, vitamins, and minerals. Its high pectin content enhances cattle's overall energy utilization, rumen health, and digestion. Moreover, the natural makeup of CPP makes it a sustainable substitute for conventional grains, satisfying the growing demand for organic and non-GMO feed solutions. The growth of the market is strongly supported by the dual benefits of nutrition and the environment.

Restraint:

Dependency on citrus production by season and region

The CPP market's reliance on the availability of citrus fruit is one of its main barriers. The supply of citrus pulp, a by-product of juice processing, is directly correlated with the volume of citrus harvested and processed in a given region. As a result, the product is less dependable than conventional grains that are grown all over the world due to seasonal variations and geographic imbalances in availability. Reliance on imports is common in nations with weak citrus industries, which raises prices and restricts adoption. Additionally, CPP is less reliable and possibly dangerous as a long-term feed solution because of unpredictable weather patterns, pests, and diseases that affect citrus crops.

Opportunity:

Growth in developing livestock markets

Adoption of CPP is greatly aided by the rapid expansion of livestock farming in Africa, Latin America, and Asia-Pacific. The demand for meat and dairy products is rising due to urbanization, population growth, and rising disposable incomes, which puts pressure on farmers to develop cost-effective, nutrient-dense feed options. Citrus production and large cattle populations make CPP the perfect answer in nations like Brazil, China, and India. Since feed prices are still an issue, CPP's digestibility and affordability give it a competitive advantage. Moreover, a ready market is ensured by growing livestock populations in these areas, and more awareness-raising efforts may hasten CPP's entry into these rapidly developing economies.

### Threat:

#### Growing competition from other ingredients in feed

Despite its cost and nutritional benefits, CPP is constantly up against well-known feed ingredients like distillers' dried grains (DDGS), corn, soybean meal, wheat bran, and beet pulp. Stronger international supply chains, reliable quality, and decades of use in animal nutrition are the advantages of these substitutes. Farmers are frequently reluctant to switch from well-known, reliable feed sources to ones that might differ in availability and composition. Furthermore, continuous improvements in feed formulation for rival ingredients boost their effectiveness and may eventually eclipse CPP. CPP runs the risk of being viewed as a specialized alternative rather than a common feed solution if these substitutes continue to rule the market.

### Covid-19 Impact:

The COVID-19 pandemic affected the market for citrus pulp pellets (CPP) in a variety of ways. On the one hand, CPP production and export capacity were momentarily lowered by labour shortages in citrus processing facilities, interruptions in global supply chains, and transportation restrictions. Logistical delays also caused feed availability issues for many livestock farmers, which resulted in fluctuating CPP prices. However, the pandemic increased demand for locally accessible and reasonably priced feed ingredients as farmers looked for less expensive alternatives to pricey imports, which helped some areas adopt CPP. Despite noticeable short-term supply disruptions, CPP's long-term prospects remained favourable because of its affordable and sustainable value.

The pelletized citrus pulp segment is expected to be the largest during the forecast period

The pelletized citrus pulp segment is expected to account for the largest market share during the forecast period. Pelletizing offers substantial benefits over fresh citrus pulp, which is heavy, perishable, and prone to spoiling because of its high moisture content, in terms of shelf life, storage, and transportation. Citrus pulp pelletized for international trade is more convenient, allowing for greater distribution and uniform quality in all markets. Incorporating it into balanced feed rations for cattle and other livestock is also made simpler by its concentrated form. In the global feed market, pelletized citrus pulp has dominated due to its year-round availability, low storage costs, and minimal waste.

The biofuel producers segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the biofuel producers segment is predicted to witness the highest growth rate. CPP is being investigated more and more as a sustainable biomass resource for the production of biofuel and biogas, given the global focus on renewable energy and carbon reduction targets. Its high organic matter content makes it a productive feedstock for anaerobic digestion, which reduces agricultural waste and produces renewable energy. In contrast to conventional fossil fuels, CPP-based bioenergy is economical, environmentally benign, and consistent with the objectives of the circular economy. Moreover, biofuel producers are now the fastest-growing end-use category in the CPP market owing to rising government incentives, investments in green technologies, and consumer demand for clean energy alternatives.

Region with largest share:

During the forecast period, the North America region is expected to hold the largest market share. Its robust citrus processing industry and established livestock sector are its main drivers. Citrus by-products are produced in large quantities in the United States, one of the world's top citrus-producing nations, and are effectively turned into feed pellets. The region's strong supply chains, sophisticated agricultural infrastructure, and strong demand for affordable, sustainable feed solutions all contribute to the broad adoption of CPP. Furthermore, North America's emphasis on encouraging circular economy principles and lowering agricultural waste boosts the market. Global CPP consumption is dominated by North America due to its stable supply, robust export potential, and developed feed industry.

Region with highest CAGR:

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR, fueled by the quick expansion of livestock farming and the growing need for reasonably priced, nutrient-dense animal feed. Dairy and meat consumption is rising significantly in nations like China and India as a result of urbanization, population growth, and rising disposable incomes. Farmers are under pressure to switch to more affordable feed options like CPP as a result of the increase in demand. Additionally, increasing citrus cultivation in some Asian countries boosts domestic pellet supply and lessens reliance on imports. The region's adoption of CPP is further accelerated by government initiatives that support efficient feed use and sustainable agriculture.

## Key players in the market

Some of the key players in Citrus Pulp Pellets Market include Cefetra Group, Furst-McNess Company, LaBudde Group Inc., KW Alternative Feeds Inc, SAF Feed & Food, Citrosuco North America, Inc., Louis Dreyfus Company, Kraft Heinz Co, R. H. Rohrer & Sons Inc., Citrus Products of Belize Limited (CPBL), Suwannee Valley Feeds LLC, Zuvamesa Inc, CP Citrus Inc, Duda Farm Fresh Foods and ECO Citrus Group.

## Key Developments:

In June 2025, Cefetra Group has announced that BayWa AG has agreed to the sale of the company to First Dutch (PGFO B.V.). The transaction is expected to be finalised in the coming months, subject to customary closing conditions. Cefetra Group will continue to operate independently under its new shareholder.

In July 2025, The Kraft Heinz Company announced that it has entered into an agreement to sell its infant and specialty food business in Italy to NewPrinces S.p.A., one of the country's leading food and beverage producers. The proposed transaction is expected to close at the end of 2025, subject to regulatory review and approval.

In December 2024, Louis Dreyfus Company (LDC) announced the signing of a binding agreement for the acquisition of BASF's Food and Health Performance Ingredients business, including a production site and state-of-the-art R&D center in Illertissen, Germany, and three application labs outside of Germany.

## Product Types Covered:

Pelletized Citrus Pulp

Fresh Citrus Pulp (Non-pellet)

## Sources Covered:

Orange-based

Grapefruit-based

Lemon-based

Other Sources

Applications Covered:

Animal Feed Industry

Biofuel Production

Organic Soil Additions

Pet Food and Specialty Feeds

Industrial & Emerging Applications

End Users Covered:

Livestock Farms

Animal Feed Manufacturers

Agro-industrial Processors

Biofuel Producers

Soil & Composting Operators

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 2024, 2025, 2026, 2028, and 2032
- 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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Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

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