

Banana Powder Market ? Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Source (Organic, Conventional), By Process (Freeze Dried, Spray Dried, Sun Dried, Drum Dried And Others), By Application (Beverages, Feed Industry, Pet Food, Cosmetics, Household, Food Industry), By Sales Channel (Direct Sales, Indirect Sales), By Region & Competition, 2021-2031F

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Abstracts

The Global Banana Powder Market is projected to expand from USD 1.88 Billion in 2025 to USD 2.69 Billion by 2031, reflecting a compound annual growth rate of 6.15%. This product is manufactured by dehydrating and grinding banana pulp into a fine powder, a process that retains the flavor profile and nutritional content of the fresh fruit. Key factors propelling this growth include significant savings in storage and logistical costs compared to fresh produce, alongside the operational requirement for shelf-stable ingredients in industrial sectors such as commercial baking and infant nutrition.

Conversely, the market faces significant hurdles due to the susceptibility of raw material supply chains to climatic instability and plant diseases. Data from the Pilipino Banana Growers and Exporters Association indicates that banana exports from the Philippines fell by 2.97 percent in 2024, largely attributed to the persistent spread of Fusarium wilt affecting plantation yields. This unpredictability in securing quality fruit for processing introduces production risks and limits the consistent scalability of the global banana powder industry.

Market Driver

The growing preference for gluten-free and plant-based diets is a major catalyst reshaping the banana powder market, as manufacturers utilize the ingredient's high resistant starch content to substitute wheat flour and synthetic texturizers. This trend is encouraging suppliers to incorporate upcycled fruit derivatives into their portfolios to meet consumer demands for clean-label, functional additives without sacrificing texture. For example, Givaudan formed a strategic alliance in February 2025 to distribute Dole Specialty Ingredients' upcycled Green Banana Powder, aiming to enhance their range of clean-label texturizing solutions for culinary and bakery applications, thereby demonstrating the commercial utility of banana powder as a functional plant-based ingredient.

Additionally, the benefits of extended shelf life and logistical efficiency support market growth by mitigating the high spoilage rates typical of the fresh produce trade. Processing bananas into powder significantly reduces volume and weight, which lowers transportation overheads and provides a shelf-stable commodity that buffers against supply chain volatility. The India Brand Equity Foundation reported in December 2024 that India's banana exports rose to US\$ 300 million in the 2023-24 fiscal year, supported by better sea-route protocols and handling. Furthermore, the Association of Banana Marketing and Export (ACORBANEC) noted in January 2025 that Ecuador exported 364.73 million boxes of bananas in 2024, a 1.57 percent rise despite climatic pressures, underscoring the importance of consistent raw material availability.

Market Challenge

A critical barrier impeding the global banana powder industry is the raw material supply chain's vulnerability to plant diseases and climatic instability. Manufacturers rely heavily on a consistent flow of specific-grade or surplus fruit to maintain cost-effective operations; however, extreme weather patterns or pathogen outbreaks can compromise yields, causing fresh banana shortages that drive up procurement costs and destabilize the feedstock availability required for continuous processing. This volatility makes it difficult for manufacturers to secure reliable long-term contracts with large-scale industrial buyers, such as infant formula producers, who demand unyielding consistency in supply volumes.

The impact of these supply chain disruptions is evident in recent production metrics from key export regions. The Association of Banana Marketing and Export (ACORBANEC) reported that during the first nine months of 2024, adverse climatic conditions resulted in a production reduction of approximately 15 percent in Ecuador

relative to potential yields. Such significant fluctuations in raw material output directly hamper the industry's ability to scale operations effectively and maintain the steady inventory levels necessary for market expansion.

Market Trends

Procurement strategies within the banana powder market are shifting toward certified organic and clean-label sourcing, driven by intensified regulatory scrutiny regarding contaminant levels in food ingredients. To mitigate liability and ensure safety, particularly in sensitive categories like infant nutrition, manufacturers are increasingly prioritizing purity and traceability. In January 2025, Manufacturing Dive reported that the U.S. Food and Drug Administration finalized guidance establishing a lead action level of 10 parts per billion for fruits and vegetables in baby foods, a move that requires suppliers to adopt rigorous quality control protocols and certified organic sourcing to ensure their formulations remain compliant and commercially viable.

Simultaneously, the emergence of upcycled manufacturing from surplus and imperfect fruit is gaining traction as a scalable solution to optimize raw material utilization and support circular economy goals. This trend addresses the economic inefficiency of cosmetic rejection in fresh fruit trade by repurposing nutrient-dense but visually non-compliant bananas into high-value powder. The viability of this model is underpinned by massive feedstock availability; VnExpress International noted in December 2025 that Vietnam produces approximately 2.8 million tonnes of bananas annually. Converting this significant agricultural output into shelf-stable powder allows the industry to reduce post-harvest waste while securing a consistent ingredient supply independent of fresh export grade requirements.

Key Market Players

KADAC Pty Ltd

Sol Organica, S.A.

Kanegrade Ltd.

Griffith Foods Worldwide Inc.

SV Agrofood

Saipro Biotech Pvt Ltd

TWF Flours

Medikonda Nutrients

Natural Evolution Foods

Symrise AG

Report Scope

In this report, the Global Banana Powder Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Banana Powder Market, By Source

Organic

Conventional

Banana Powder Market, By Process

Freeze Dried

Spray Dried

Sun Dried

Drum Dried Others

Banana Powder Market, By Application

Beverages

Feed Industry

Pet Food

Cosmetics

Household

Food Industry

Banana Powder Market, By Sales Channel

Direct Sales

Indirect Sales

Banana Powder Market, By Region

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Banana Powder Market.

Available Customizations:

Global Banana Powder Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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