

# Global Fruit & Vegetable Processing Enzymes Market Size Study & Forecast, by Application, Product Type, Source, End-User, and Regional Forecasts 2025-2035

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## Abstracts

The Global Fruit & Vegetable Processing Enzymes Market is valued at approximately USD 3.42 billion in 2024 and is expected to expand at a compound annual growth rate (CAGR) of over 4.85% during the forecast period 2025 to 2035. The increasing consumption of processed fruits and vegetables, driven by the rising demand for convenience food and functional beverages, is propelling the need for efficient enzymatic solutions. Processing enzymes like pectinase, amylase, cellulase, and protease enable the food industry to unlock better yield, enhanced clarity, and extended shelf life across juice, puree, and dried product applications. These enzymes not only improve process efficiency but also meet consumer expectations for natural, clean-label, and nutrient-rich food products.

The intensifying consumer shift toward health-conscious consumption, coupled with the rapid growth of the beverage and nutraceutical industries, is driving manufacturers to invest in optimized enzyme blends. In juice production, for instance, the role of pectinase is pivotal in enhancing juice clarity, improving filtration, and maximizing extraction yield. Moreover, plant-derived and microbial enzymes are gaining preference due to their compatibility with clean-label trends and vegetarian formulations. As fruit and vegetable processors continue to face pressure to reduce waste and increase throughput, enzyme-assisted processing offers a viable, cost-efficient, and sustainable solution. Innovations in bio-catalysis and enzyme engineering are also enabling more targeted applications across varied fruit and vegetable matrices.

Regionally, North America currently holds a commanding share in the global fruit & vegetable processing enzymes market, attributed to its mature food processing industry, strong regulatory framework, and widespread consumption of packaged juices and

functional foods. Europe closely follows, benefiting from increasing demand for organic and non-GMO processed food products. Meanwhile, the Asia Pacific region is projected to emerge as the fastest-growing market throughout the forecast period. Countries like China, India, and Indonesia are experiencing soaring demand for value-added food products due to rapid urbanization, changing dietary habits, and population growth. Additionally, government-backed initiatives in food innovation and processing infrastructure are supporting enzyme adoption across regional processing facilities.

Major market player included in this report are:

Novozymes A/S

DuPont de Nemours, Inc.

DSM Nutritional Products

Advanced Enzymes Technologies Ltd.

AB Enzymes GmbH

Amano Enzyme Inc.

BASF SE

Kerry Group

Chr. Hansen Holding A/S

Biocatalysts Ltd.

Enzyme Development Corporation

Connell Bros. Co. LLC

Sunson Industry Group Co., Ltd.

Chemrez Technologies, Inc.

Soufflet Biotechnologies

## Global Fruit & Vegetable Processing Enzymes Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period - 2025-2035

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players. The detailed segments and sub-segments of the market are explained below:

### By Application:

Juice Production

Canned Products

Frozen Products

Purees

Dried Products

By Product Type:

Pectinase

Cellulase

Amylase

Protease

Lactase

By Source:

Microbial

Plant

Animal

By End-User:

Food Industry

Beverage Industry

Pharmaceutical Industry

Nutraceutical Industry

By Region:

## North America

U.S.

Canada

## Europe

UK

Germany

France

Spain

Italy

Rest of Europe

## Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

## Latin America

Brazil

Mexico

Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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