

Global Fish Powder Market Size study, by Source (Whole Fish, By-product), by Application (Swine, Aquaculture, Poultry, Others), and Regional Forecasts 2022-2032

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Abstracts

Global Fish Powder Market is valued approximately at USD 8.54 billion in 2023 and is anticipated to grow with a healthy CAGR of more than 6.50% over the forecast period 2024-2032. Fish powder—processed from either whole fish or fish by-products—is emerging as a potent ingredient in animal nutrition, renowned for its superior protein content, digestibility, and amino acid profile. As demand for sustainable aquaculture and livestock farming intensifies, producers are increasingly shifting toward nutrient-dense alternatives like fish powder to elevate feed quality. With global food security and efficiency in protein conversion becoming key strategic pillars, fish powder has entrenched itself as a cost-effective and performance-enhancing solution for animal diets, offering value across poultry, swine, and aquaculture industries.

The surging appetite for high-performance animal feeds, particularly in intensive farming systems, is steering the upward trajectory of the fish powder market.

Aquaculture—responsible for more than half of global seafood production—is a major growth driver, as fishmeal continues to be a primary protein source for aquatic species. In parallel, fish powder is witnessing heightened inclusion in poultry and swine feed for its palatability and growth-promoting effects. Additionally, regulatory pressures to reduce the use of antibiotics in animal farming are prompting producers to favor functional ingredients like fish powder that naturally support immune function and feed efficiency. Nevertheless, concerns surrounding overfishing, ecological sustainability, and supply chain volatility pose potential constraints, pushing stakeholders to diversify sourcing strategies and adopt circular economy practices.

Innovation in processing technologies is significantly transforming the value proposition of fish powder. Companies are investing in advanced drying methods, enzymatic hydrolysis, and quality preservation techniques to enhance shelf life, nutritional integrity, and odor neutrality. The valorization of fish by-products—previously discarded as waste—is gaining momentum as companies seek to maximize resource efficiency and reduce environmental footprints. This convergence of sustainability and nutrition is encouraging feed manufacturers to formulate next-generation products that balance ecological stewardship with optimal animal performance. In response, vertically integrated operations and digital traceability systems are being leveraged to ensure quality assurance and compliance with international food safety standards.

Regionally, Asia Pacific holds a commanding position in the global fish powder market, fueled by expansive aquaculture industries in China, Vietnam, and India. The region's rising meat consumption, government-backed aquafarming programs, and abundant raw material access give it a structural advantage. North America and Europe are showing steady demand, particularly in the poultry and swine sectors, driven by heightened awareness around feed nutrition and livestock productivity. Europe also benefits from stringent regulatory frameworks promoting the use of sustainable and traceable feed ingredients. Meanwhile, Latin America and the Middle East & Africa are exhibiting growing potential, underpinned by expanding animal husbandry operations and increasing investments in feed manufacturing infrastructure.

Major market player included in this report are:

Aker Biomarine Antarctic AS

Calysta, Inc.

Bio-Oregon Protein, Inc.

Mukka Sea Food Industries Pvt. Ltd.

Oceana Group Limited

American Marine Ingredients

Austevoll Seafood ASA

Croda International Plc

Scanbio Marine Group AS

Nutreco N.V.

Marvesa Holding N.V.

S?rsan A.?

FMC Corporation

GC Rieber Oil

Sarma Fish

The detailed segments and sub-segment of the market are explained below:

By Source

Whole Fish

By-product

By Application

Swine

Aquaculture

Poultry

Others

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

Rest of Latin America

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

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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