

Insect Protein Market to Hit USD 4.08 Billion by 2035 Amid Rising Demand for Sustainable Nutrition | FMI

Insect protein market gains traction driven by sustainable nutrition and rising demand for alternative protein sources.

NEWARK, DE, UNITED STATES, April 24, 2025 /EINPresswire.com/ -- The global [insect protein market](#) is on a sharp growth trajectory, with a projected valuation of USD 834.38 million in 2025, expected to surge to USD 4,079.82 million by 2035, registering an impressive CAGR of 17.2% during the forecast period.



This growth is driven by increasing consumer awareness of the environmental and nutritional benefits of insect-based proteins, as well as shifting dietary preferences toward more sustainable food sources. Insect protein, derived from insects such as crickets, mealworms, and black soldier flies, offers a highly efficient alternative to conventional livestock due to its minimal land, water, and feed requirements.

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The insect protein market is gaining momentum as consumers seek sustainable, high-protein alternatives, driving innovation and interest across food, feed, and agricultural sectors globally.”

Nandini Roy Chaudhari

Insects are rich in high-quality protein, essential fats, [vitamins and minerals](#), making them an attractive ingredient in health foods and dietary supplements. With its applications expanding into protein bars, meat substitutes, animal feed, and even pet food, the insect protein market is becoming a key player in addressing the global food security challenge. Moreover, innovations in insect farming and processing are enabling large-scale production, further enhancing its market potential.

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Recent M&A activity has centered on strengthening global supply chains and scaling production. Notably, Ÿnsect (France) acquired Protifarm (Netherlands), a strategic move aimed at expanding its product offerings and increasing capacity for mealworm-based ingredients. Similarly, Aspire Food Group’s collaboration with Cargill targets expanding insect protein use in animal nutrition. These partnerships reflect a concerted effort to bolster infrastructure and accelerate global adoption.

Key Market Drivers

- The market is forecasted to grow at a CAGR of 17.2% between 2025 and 2035.
- Insect protein offers a sustainable alternative to traditional livestock protein.
- Rising demand for functional and eco-friendly food products is accelerating adoption.
- Regulatory support and M&A activity are fueling innovation and market expansion.
- Key players include Protix, Ÿnsect, Aspire Food Group, and InnovaFeed.

Market Opportunities

- Mainstream acceptance of insect protein in sports and functional nutrition
- Regulatory advancements in Europe and Asia promoting edible insect consumption
- Tech-enabled farming and processing techniques enhancing scalability
- Increased R&D investment for taste, texture, and application diversification

Market Challenges

- The European Union’s approval of house crickets and mealworms for human consumption has set the stage for broader adoption.
- Start-ups in North America and Europe are launching insect-based snacks and supplements targeted at eco-conscious consumers.
- South Korean biotech firms are developing hybrid products combining insect protein with plant-based ingredients.

Future Outlook

- Environmental concerns and carbon footprint reduction goals are compelling food manufacturers to explore insect protein.
- Pet food and aquafeed segments represent untapped potential due to high protein requirements and growing consumer spending.
- Collaborations with food-tech firms are paving the way for innovative insect-based food offerings.

Conclusion

<https://www.futuremarketinsights.com/reports/insect-protein-market>

Market Overview

- Protix opened a new facility in the Netherlands, increasing capacity for black soldier fly larvae production.
- Aspire Food Group received funding to establish North America's largest automated cricket farm.
- InnovaFeed partnered with ADM to supply insect protein for poultry and aquaculture feed.

Market Dynamics

Key players in the market include Protix, Ynsect, Aspire Food Group, InnovaFeed, and Entomo Farms. These companies are investing in vertical integration, automation, and global distribution networks to improve cost efficiency and product accessibility. Competitive dynamics are shaped by the ability to scale operations, comply with evolving regulations, and innovate in product development.

Market Segments

- EnviroFlight LLC
- Ynsect
- AgriProtein
- Protix
- Innovafeed
- Other Manufacturers

Regional Analysis

United States

The U.S. market is booming, fueled by rising interest in eco-friendly proteins and sports nutrition. Consumers are turning to insect protein as a cleaner, greener alternative to traditional meats. CAGR (2025–2035): 16.8%

United Kingdom

The U.K. market benefits from growing start-up activity and strong investor backing in sustainable food. Public interest in health and eco-conscious eating habits is helping drive demand. CAGR (2025–2035): 17.0%

European Union

France, Germany, and the Netherlands are at the forefront, thanks to regulatory support from EFSA and public engagement in sustainable food systems. CAGR (2025–2035): 17.5%

South Korea

Supported by cultural acceptance and government incentives, South Korea is embracing insect protein in both traditional dishes and modern functional foods.

CAGR (2025–2035): 17.7%

For more information on the Insect Protein Market, visit: <https://www.futuremarketinsights.com/industry-analysis/protein>

By Insect Type:

By Insect Type:

- Beetles
- Caterpillars
- Bees, Wasps, and Ants
- Grasshoppers, Locusts, and Crickets
- Others

By Form:

- Whole Insect
- Powder

By Application:

- Food & Beverages
 - o Animal Nutrition
 - o Aquafeed
 - o Pet Food
 - o Poultry Feed
- Pharmaceuticals & Cosmetics

By Region:

- North America
- Latin America
- Europe
- East Asia
- South Asia
- Oceania
- The Middle East & Africa (MEA)

For more information on the Insect-based Pet Food Market Outlook 2025 to 2035, visit: <https://www.futuremarketinsights.com/reports/insect-based-pet-food-market>

Insect-based Pet Food Market Outlook 2025 to 2035:

<https://www.futuremarketinsights.com/reports/insect-based-pet-food-market>

Insect Feed Market Outlook from 2025 to 2035:

<https://www.futuremarketinsights.com/reports/insect-feed-market>

Japan Insect Feed Market Outlook from 2025 to 2035:

<https://www.futuremarketinsights.com/reports/insect-feed-industry-analysis-in-japan>

Protein Supplement Market Outlook 2025 to 2035:

<https://www.futuremarketinsights.com/reports/protein-supplements-market>

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