

Global Black Soldier Fly Market Size study & Forecast, by Product (Protein Meals, Biofertilizers, Chitin/Chitosan, Others), by Application (Animal Feed, Agriculture, Pet Food, Pharmaceutical, Cosmetic, Biofuel) and Regional Analysis, 2023-2030

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Abstracts

Global Black Soldier Fly Market is valued approximately at USD 6.17 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 34.7% over the forecast period 2023-2030. The Black Soldier Fly is a species of fly belonging to the family Stratiomyidae. The larvae of the Black Soldier Fly are voracious decomposers, consuming a wide range of organic waste materials, including food scraps, manure, and agricultural residues. This fly species is highly efficient in converting organic waste into valuable biomass and nutrients. The Black Soldier Fly market is experiencing rapid growth due to factors such as expanding aquaculture industry, rising demand for alternative proteins in animal feed, higher prices of soymeal, government support for insect meal use and increased investment by industry leaders.

The Black Soldier Fly market is propelled by the pet food industry, which seeks sustainable and nutritious ingredients to meet the rising demand for high-quality pet food. The recognition of the benefits of incorporating insect-based ingredients further drives the growth and expansion of the Black Soldier Fly Market. According to Statista, in 2019 the pet food market was valued USD 94.06 billion; in 2022 the market reached USD 135.50 billion and it is anticipated to reach USD 174.80 billion by 2025. As a result, the growing pet food market is anticipated to create the lucrative demand for the market. Additionally, government support for approving insect meal in feed and the adoption of an alternative source of protein create significant opportunities for the Black Soldier Fly market. However, decline in fish consumption, poultry, pork, and beef is stifling the market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Black Soldier Fly Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. Asia Pacific dominated the market in 2022 with largest market share owing to factors such as the availability of abundant waste, including pre-consumer food waste from agriculture and the food and beverage sectors, along with government approvals for the use of Black Soldier Fly products in animal feed. North America is expected to grow significantly during the forecast period, owing to growing aquaculture industry, increased awareness of alternative protein sources for animal feed, and rising fish meal prices in the region.

Major market player included in this report are:

Bio line AgroSciences Ltd.

Fargro Ltd

Ander Matt Biocontrol AG

ARBICO Organics,

BioBee Sde Eliyahu

Biological Services.

Dud Utech

Tip Top Bio-Control

Beneficial Insectary, Inc.

Koppert Biological Systems,

Recent Developments in the Market:

In January 2023, Tuggs, a pet food startup, launches its debut product, featuring fresh insect-based dog food. The brand utilizes ingredients like black soldier fly larvae in their pet food pouches and offers a subscription service that provides proportioned meals tailored to a dog's weight, age, and diet. Dog owners can conveniently submit these details through Tuggs' website.

In June 2022, Cargill and Innova feed have announced an extension of their partnership for developing and marketing insect meal. The collaboration, now spanning 10 years, brings together Innova feed's expertise in precision insect ingredients formulation and Cargill's global animal nutrition capabilities. The aim is to expand the utilization of insect ingredients across various types of animal feed on a larger scale.

Global Black Soldier Fly Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

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

Segments Covered - Product, Application, Region

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

Customization Scope - Free report customization (equivalent up to 8 analyst's 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 to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product:

Protein Meals

Biofertilizers

Chitin/ Chitosan

Others

By Application:

Animal Feed

Agriculture

Pet Food

Pharmaceutical

Cosmetic

Biofuel

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC

Latin America
Brazil
Mexico

Middle East & Africa
Saudi Arabia
South Africa
Rest of Middle East & Africa

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