

Global PhytoGenics Market Size study, by Type (Essential Oils, Flavonoids, Saponins, Oleoresins), by Livestock (Poultry, Swine, Ruminants, Aquatic Animals), by Source, Form, Function, Packaging and Regional Forecasts 2022-2032

<https://marketpublishers.com/r/GE9B45576A5EEN.html>

Date: April 2025

Pages: 285

Price: US\$ 3,750.00 (Single User License)

ID: GE9B45576A5EEN

Abstracts

Global PhytoGenics Market is valued approximately at USD 0.92 billion in 2023 and is anticipated to grow with a compelling CAGR of more than 7.20% over the forecast period 2024-2032. PhytoGenics, also known as botanical feed additives, represent a powerful class of natural compounds derived from herbs, spices, and plant extracts. These bioactive compounds, including essential oils, flavonoids, saponins, and oleoresins, are extensively used in animal nutrition for their antimicrobial, antioxidative, and anti-inflammatory properties. As the global livestock industry faces increasing regulatory scrutiny on antibiotic usage, phytoGenics have emerged as a reliable and sustainable alternative to enhance animal health and performance while supporting food safety and environmental stewardship. This paradigm shift is fueling innovation in phytoGenic formulation and delivery systems, pushing market boundaries well beyond traditional feed additives.

The market's upward trajectory is underpinned by several macro and microeconomic trends that are reshaping the global animal feed landscape. Rising demand for protein-rich diets, particularly in Asia and Latin America, is driving intensive animal farming, thus increasing reliance on performance-boosting nutritional inputs. With antibiotic growth promoters (AGPs) being phased out across key regions due to public health concerns, phytoGenics are being actively embraced for their capacity to modulate gut microbiota, enhance nutrient digestibility, and reduce pathogenic stress in animals. Moreover, these plant-based additives align well with consumer-driven trends favoring natural, clean-label meat and dairy products—creating a robust incentive for producers to

invest in phytogetic innovations.

Phytogenics are finding widespread applications across diverse livestock categories, including poultry, swine, ruminants, and aquatic animals. In poultry production especially, these compounds have demonstrated significant benefits in improving feed conversion ratios, boosting immunity, and reducing ammonia emissions. Their multifunctional roles in reducing stress, stimulating appetite, and supporting reproductive performance are increasingly being recognized across other species as well. Further driving adoption are new encapsulation and delivery technologies that improve the stability and bioavailability of active compounds—enhancing their functional efficacy during feed processing and gastrointestinal transit.

As feed manufacturers and integrators double down on natural growth-promoting solutions, the global phytogenics landscape is witnessing increased consolidation and collaboration. Industry leaders are expanding their product portfolios and regional footprints through mergers, acquisitions, and joint ventures. Research and development remains a central focus, with emphasis on exploring novel plant sources, synergistic formulations, and precision dosing strategies tailored to specific species and farming conditions. Additionally, government initiatives in regions such as the EU and Asia Pacific promoting antibiotic-free animal production are fostering a conducive regulatory environment for phytogetic market expansion.

Regionally, Europe has long been a frontrunner in phytogetic adoption, backed by stringent regulatory restrictions on synthetic additives and a mature animal nutrition ecosystem. Asia Pacific, however, is anticipated to register the highest growth rate during the forecast period, owing to rapid industrialization of livestock production, growing consumer awareness, and increasing investments in sustainable farming practices. North America remains a key market as well, propelled by the rising demand for organic and natural meat products. Latin America and the Middle East & Africa are emerging as promising markets, driven by favorable agricultural reforms, rising meat exports, and the gradual shift toward preventive animal healthcare.

Major market player included in this report are:

Cargill, Inc.

Delacon Biotechnik GmbH

Phytobiotics Futterzusatzstoffe GmbH

DuPont de Nemours, Inc.

Nutrex NV

Phytosynthese

Pancosma SA

BIOMIN Holding GmbH

Synthite Industries Ltd.

Ayurved Limited

Natural Remedies Pvt. Ltd.

Dostofarm GmbH

Silvateam S.p.A.

Kemin Industries, Inc.

Danisco A/S

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

By Type

Essential Oils

Flavonoids

Saponins

Oleoresins

By Livestock

Poultry

Swine

Ruminants

Aquatic Animals

By Source

[Detailed as per data availability]

By Form

[Detailed as per data availability]

By Function

[Detailed as per data availability]

By Packaging

[Detailed as per data availability]

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

RoMEA

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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