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Region : Global | Format: PDF | Report ID: GMS12458 | SKU ID: 23297788

Foliar Fertilizer Market Size, Share, Growth, and Industry Analysis, By Type (Nitrogenous Fertilizers, Phosphatic Fertilizers & Potassic Fertilizers), By Application (Field Crops, Horticulture Crops & Turf and Ornamentals), and Regional Forecast to 2033

Last Updated:

24 February 2025

Base Year:

2024

Historical Data:

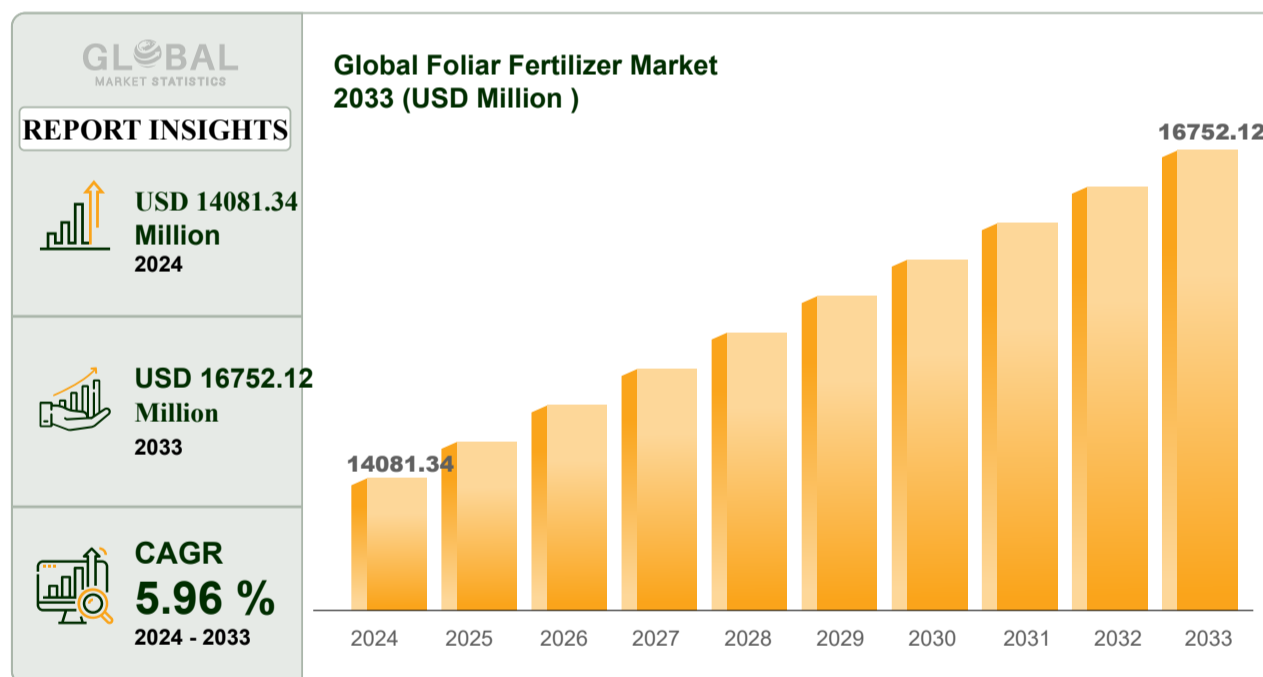
2019-2022

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109[Buy Now](#)[Request Sample PDF](#)[Summary](#)[Table of Content](#)[Segmentation](#)[Methodology](#)[Get a Quote](#)**FOLIAR FERTILIZER MARKET OVERVIEW**

Foliar Fertilizer Market Size was estimated at USD 14081.34 million in 2024 and it is expected to grow from USD 14920.59 million in 2025 to USD 16752.12 million by 2033. The Market CAGR (growth rate) is expected to be around 5.96% during the forecast period (2025 - 2033).

Foliar fertilizer market is rapidly growing one because of the large usage of effective and fast means of fertilization for plants. Farmers prefer foliar sprays because the nutrients are absorbed quickly by the plant leaves in contrast to rooting designs using the soil, which is the traditional method. Further projection to the market is complemented by factors such as increasing global population, reduced availability of arable land, and improved agriculture technology. This growth is accompanied by formulation innovation, particularly on micronutrients and organic inputs, to capture a wave in sustainable farming.

[Request A Free Sample](#) to learn more about this report**GLOBAL CRISES IMPACTING FOLIAR FERTILIZER MARKET - COVID-19 IMPACT*****"Foliar Fertilizer Industry Had a Negative Effect Due to Market surge during COVID-19 Pandemic"***

The Global COVID-19 pandemic has been unprecedented and staggering, with the market experiencing lower-than-anticipated demand across all regions compared to pre-pandemic levels. The sudden market growth reflected by the rise in CAGR is attributable to the market's growth and demand returning to pre-pandemic levels.

The Phase III of the COVID-19 pandemic affected the foliar fertilizer market in a bipolar manner. On one hand, limited availability of labor and disruptions in supply chains impacted production, and slow distribution channels were some of the factors that led to a decline in demand. However, since agriculture was considered to be among the essential needs, demand rose rapidly as people sought effective agri-production to obtain the maximum yield played an essential role in driving fertilizer sales.



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popularity in the recent past due to enhanced awareness on soil degradation and depletion of nutrients.



Foliar Fertilizer Market

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FOLIAR FERTILIZER MARKET SEGMENTATION

By Type

Based on Type, the global market can be categorized into Nitrogenous Fertilizers, Phosphatic Fertilizers & Potassic Fertilizers

- **Nitrogenous Fertilizers:** Nitrogenous fertilizers are used commonly in foliar sprays to induce green and fast growth for crops that require nitrogen, such as cereals and most green leafy vegetables. They are useful in increasing the leaf chlorophyll and all-round vigor in plants so as to increase the efficiency of photosynthesis. Ammonium-based foliar fertilizers receiving very high attention due to their fast nutrient absorption are especially used in intensive farming.
- **Phosphatic Fertilizers:** As a source of phosphorus through foliar feeding, phosphatic fertilizers enable plants to produce rooters or sprouts on root crops, important on flowering-bearing nuts and fruits. These fertilizers promote more energy flow in the plant, leading to growth in growth or yield, the formation of seeds, and resistance to abiotic stresses. It is especially common in phosphorus-depleted fields or at certain development phases of crops.
- **Potassic Fertilizers:** Potassic fertilizers make foliar application promotes plant resistance to water stress and diseases as well as enhancing fruit quality and size. Every crop requires it for the correct transport of carbohydrates and for the activation of enzymes that are important for nutrition. We oftentimes use foliar potassic applications, especially in fruit and vegetable crops, to increase yield and crop vigor.

By Application

Based on Application, the global market can be categorized into Field Crops, Horticulture Crops & Turf and Ornamentals

- **Field Crops:** Field crops are able to absorb foliar fertilizers during the desirable phases of development, enabling increased yields and standardization. Besides, foliar application is frequently applied to more crops, such as wheat, corn, and rice; this method can effectively supply the necessary nutrients.
- **Horticulture Crops:** Horticulture crops, like fruits, vegetables, and flowers, apply foliar fertilizer in order to act fast and correct nutrition disorders of the plant tissue. Such crops happen to be strategic since the uptake must be rapid, especially the high-value crops that require specific nutrients for color, taste, or enhanced size. Foliar feeding in horticulture makes it easier to apply specific nutrients to the foliage and therefore improves marketability and crop homogeneity.
- **Turf and Ornamentals:** Turf and Ornamentals also uptake foliar fertigation in order to have an attractive color and growth and robust, healthy plants from diseases. On the golf courses, landscapes, and gardens, for example, foliar sprays give a uniform and efficient feed. This fast and effective nutrient supply to the turf and prescribed ornamental plants maintains the greenness of the turf and vigor of other plants without forming excessive vegetative tissues.

MARKET DYNAMICS

Market dynamics include driving and restraining factors, opportunities and challenges stating the market conditions.

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Foliar fertilizers drive market growth by optimizing limited arable land

With arable land reducing in the world due to growth of towns and cities and further erosion, use of available land must be optimized for production. Foliar fertilizers guarantee high yields because nutrient challenges are solved quickly and boost plants' growth and vigor. This is making farmers use them in precision agriculture to feed the ever-growing population and resulting foliar fertilizer market growth.

Restraining Factor

"Higher costs limit market growth, especially in developing regions"

Foliar nutrients can be more costly to prepare and/or more costly to apply than the traditional soil nutrients; therefore, their use is somewhat restricted, particularly in small-scale farming practices. Such costs are higher because of specialized formulations and additional application equipment. This restricts the price sensitivity, which is an important limitation, especially where the agricultural budget in the developing world is low.

Opportunity

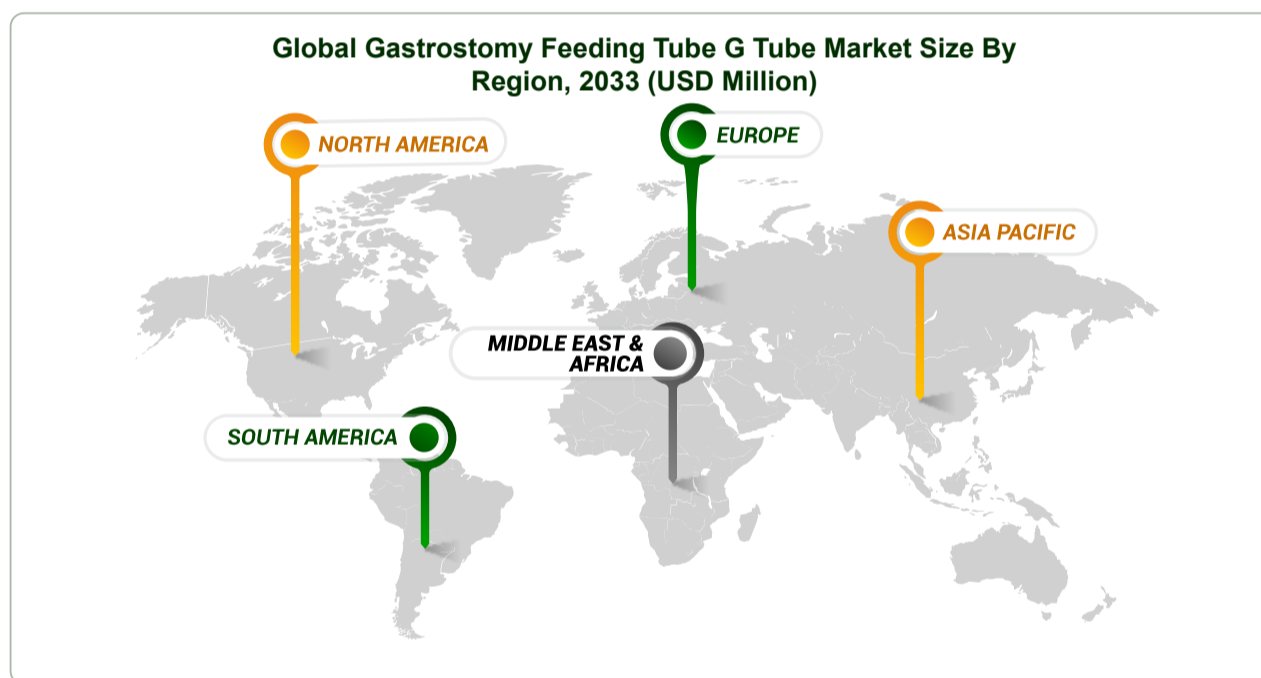
"Organic farming drives market growth for compliant foliar fertilizers significantly"

Keen emphasis on organics and sustainable farming is likely a major growth avenue in the foliar fertilizer space. With the increase in demand for organic produce, there is always the temptation for what is currently regarded as chemical-free foliar fertilizers that are organic compliant. This trend enables the manufacturers to come up with new products in the market and to diversify in products suitable for sustainable agriculture, hence promoting the market.

Challenge

"Limited nutrient uptake constrains foliar fertilizer market growth potential"

Another important factor that impacts the foliar fertilizer market is the fact that the amount of nutrients that plant leaves can take up at one time is comparatively small. Foliar feed is mostly useful in micronutrient application but may not be sufficient for macronutrient applicability, such as nitrogen or potassium. This weakness narrows down the efficiency of foliar fertilizers, more so for nutrient-intensive plants, thus limiting their general use.



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FOLIAR FERTILIZER MARKET REGIONAL INSIGHTS

North America

"North America's innovation drives market growth and leadership"

North America leads the foliar fertilizer consumption due to efficient techniques, innovation in agriculture technology, and crop yield management. The United States Formal Fertilizer Market reigns supreme within the region due to the increased utilization of the method of precision agriculture along with the innovations done on the kind of nutrients. The sustainable and high efficiency in the crop management of the United States agricultural industry greatly influences the development of this market. This leadership position is backed by research and technology investment focused particularly on improving foliar applications.

Europe

"Europe's eco-friendly practices enhance foliar fertilizer market growth significantly"

Europe holds remarkable foliar fertilizer market share due to a good focus on farming practices in this region that are environmentally friendly and regulations to support eco-friendly farming. Configurations include the widespread use of organic farming techniques and micronutrient supplements in the form of foliar feeding to compensate for depleted soils and crops. Furthermore, European countries are putting more of their money into efforts to invent better formulae for better quality of the crops and higher production. These investments prove that Europe is focused on developing new foliar fertilizer products that are friendly to the environment.



MARKET STATISTICS



continent, which is highly required to support the increasing global populace. The adaptation of foliar fertilizer has also been on the rise in the region, for instance, in countries like India and China where farmers want an effective nutrient supply for their crops. Besides, the increasing programs put in place by governments to encourage the use of modern and innovative farming practices, as well as advanced agricultural inputs, help in growing the market. Being one of the most densely populated continents, with a scarcity of arable land, Asia's effort is imperative to feed both the regional and global population.

KEY INDUSTRY PLAYERS

"Stakeholders drive market growth through innovation and partnerships"

All the major stakeholders in the foliar fertilizer industry are driving the positive growth in the foliar fertilizer market through innovation, strategic alliances, and increased research. Some of these companies make their products more effective by improving the formulations to include micronutrient-added and organic products. They also use their investments in so doing in the areas of sustainability, marketing, and other strategies to increase awareness and usage among the farmers, which in the aggregate enhances market growth and increases productivity of agricultural activities.

List of Top Foliar Fertilizer Companies

- Haifa Group. (Israel)
- Yara International ASA (Norway)
- (Australia)
- ICL Specialty Fertilizers (Israel)
- Arysta Lifescience South Africa (Japan)

KEY INDUSTRY DEVELOPMENT

October 2024: Yara International ASA, a leading global fertilizer company, announced the launch of a new line of foliar fertilizers designed to enhance crop yield and quality. This product line utilizes advanced nutrient delivery technology to improve absorption efficiency, addressing the increasing demand for sustainable agricultural solutions. The introduction of these foliar fertilizers aligns with Yara's commitment to innovation and environmental stewardship in the agricultural sector.

REPORT COVERAGE

The study encompasses a comprehensive SWOT analysis and provides insights into future developments within the market. It examines various factors that contribute to the growth of the market, exploring a wide range of market categories and potential Applications that may impact its trajectory in the coming years. The analysis takes into account both current trends and historical turning points, providing a holistic understanding of the market's components and identifying potential areas for growth.

This research report examines the segmentation of the market by using both quantitative and qualitative methods to provide a thorough analysis that also evaluates the influence of strategic and financial perspectives on the market. Additionally, the report's regional assessments consider the dominant supply and demand forces that impact market growth. The competitive landscape is detailed meticulously, including shares of significant market competitors. The report incorporates unconventional research techniques, methodologies and key strategies tailored for the anticipated frame of time. Overall, it offers valuable and comprehensive insights into the market dynamics professionally and understandably.

Foliar Fertilizer Market Report Coverage

REPORT COVERAGE	DETAILS
Market Size Value In	US\$ 14081.34 Million in 2024
Market Size Value By	US\$ 16752.12 Million by 2033
Growth Rate	CAGR of 5.96% from 2024 to 2033
Forecast Period	2033
Base Year	2024
Historical Data Available	2020-2023
Regional Scope	Global
Segments Covered	Type and Application

What value is Foliar Fertilizer Market expected to touch by 2033?

The Foliar Fertilizer Market is expected to reach USD 16752.12 Million by 2033

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[What are the driving factors of the Foliar Fertilizer Market?](#)



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