

Liquid Fertilizers Market Size and Share Outlook - Forecast Trends and Growth Analysis Report (2025-2034)

Market Report | 2025-08-13 | 159 pages | EMR Inc.

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Report description:

The global liquid fertilizers market, valued at USD 2.88 Billion in 2024, has experienced significant growth, primarily due to their ability to provide nutrients that plants can rapidly absorb, boosting growth rates and crop yields. The market is expected to expand at a CAGR of 4.40% from 2025 to 2034, potentially reaching USD 4.43 Billion by 2034, as liquid fertilizers can be customised to meet the specific needs of the soil, enhancing its structure and nutrient balance over time.

Global Liquid Fertilizers Market Growth

The liquid fertilizers market offers several benefits, including efficient nutrient delivery, better soil health, and precise application methods through irrigation systems. Liquid fertilizers promote faster nutrient absorption, enhancing crop yield and plant health. They are cost-effective, versatile, and environmentally friendly, with reduced waste and nutrient loss. According to the Department of Agriculture, Fisheries, and Forestry, 55% of Australia's land was allocated for agricultural use as of December 2023 boosting the growth of the liquid fertilizers market.

Customisable for specific crops, they support sustainable farming by minimising resource overuse. Additionally, their quicker response times and flexibility allow for improved plant growth and adaptability to environmental changes, making them a valuable tool in modern agriculture. The widespread adoption of these fertilisers enhances overall efficiency and promotes more productive, healthier farming practices.

Key Trends and Recent Developments

The growth of the liquid fertilizers market is being driven by technological innovations in fertiliser formulation, increasing demand for high-yield crops, and government support for sustainable farming practices.

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November 2024

NFL revealed plans to start producing nano urea at its Nangal plant, with a daily output of 150,000 bottles. This innovative fertiliser is designed to improve nutrient absorption and reduce nitrogen loss, promoting more sustainable farming practices in India.

February 2024

IFFCO received government approval for its new nano-liquid zinc and nano-liquid copper fertilisers. These products aim to address nutrient deficiencies in crops, improving productivity and tackling malnutrition, while supporting sustainable agriculture in India.

January 2024

Syngenta Group's Modern Agriculture Platform introduced Endos, a fertiliser with enhanced efficiency that uses endophytic microorganisms. This product boosts crop yields sustainably by improving nutrient uptake when mixed with liquid fertilisers, helping address food security challenges in China.

June 2023

ICL launched a new range of water-soluble fertilisers under the Nova brand in North America. These products, including Nova FINISH and Nova PULSE, are designed for effective nutrient delivery via foliar and fertigation methods, enhancing crop nutrition.

Sustainability and Eco-friendly Products is the Trend of the Liquid Fertilizers Market

The market is increasingly favouring sustainable, eco-friendly products. With growing environmental awareness among consumers and agricultural stakeholders, there is rising demand for fertilisers that minimise nutrient runoff and promote sustainable farming practices. Products designed for efficiency, waste reduction, and lower environmental impact are leading this shift. Yara has introduced low-carbon fertilisers made using renewable electricity, aiming to reduce emissions by 70-90% compared to traditional fertilizers, supporting sustainable agricultural methods, as per Yara International, July 2022.

Technological Advancements in Fertiliser Formulation Impacting the Liquid Fertilizers Market Revenue

Technological advancements in liquid fertilizer formulations are reshaping the market. Innovations such as efficient nutrient delivery systems, nanotechnology, and slow-release mechanisms enable faster nutrient absorption, improved soil health, and higher crop yields. Precision agriculture techniques further optimise fertiliser use, reduce environmental impact, and enhance farm productivity. Green Technologies launched GreenEdge, a biobased slow-release fertiliser, which promotes sustainable farming by reducing fertiliser and water usage according to USDA, March 2024.

Rising Demand for High-Yield Crops Driving Opportunities in the Liquid Fertilizers Market

As global food demand increases, particularly in emerging economies, there is a growing need for high-yield, nutrient-rich crops. Liquid fertilizers are essential in meeting this demand by providing more efficient nutrient delivery, promoting faster crop growth and higher yields. This trend is fuelled by the need for greater agricultural productivity. In December 2024, BARC in Mumbai developed high-yield, climate-resilient crop varieties, aiming to revolutionise agriculture in India through non-GMO innovations.

Government Support for Sustainable Agricultural Practices Boosting Liquid Fertilizers Market Growth

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Global governments are supporting sustainable farming practices, including the use of liquid fertilizers, which is accelerating the growth of the market. Policies focused on soil health, reducing chemical runoff, and encouraging innovative fertiliser use are driving adoption, particularly in regions like Asia-Pacific and Latin America. The U.S. Department of Agriculture's BioPreferred Program promotes biobased, environmentally friendly fertilizers, increasing market awareness and consumer adoption of sustainable products (USDA BioPreferred Program Report, 2023).

Global Liquid Fertilizers Industry Segmentation

The EMR's report titled "Global Liquid Fertilizers Market Report and Forecast 2025-2034" offers a detailed analysis of the market based on the following segments:

Market Breakup by Type

- Nitrogen
- Potassium
- Phosphate
- Micronutrients

Market Breakup by Form

- Organic
- Synthetic

Market Breakup by Mode of Application

- Foliar
- Aerial
- Starter Solutions
- Fertigation
- Injection into Soil

Market Breakup by Crop Type

- Grains and Cereals
- Pulses and Oilseeds
- Fruits and Vegetables
- Commercial Crops
- Others

Market Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

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Global Liquid Fertilizers Market Share

According to the liquid fertilizers market analysis, the industry is dominated by organic liquid fertilisers, which improve soil health by fostering microbial activity and enhancing nutrient availability. They help reduce chemical runoff, lower environmental impact, and promote sustainable farming. Crops grown with organic fertilisers also tend to have better flavour and quality, making them more attractive to consumers. In December 2023, Aries Agro introduced a range of organic liquid fertilisers designed for hydroponic systems, enhancing nutrient absorption, and promoting healthier plant growth while minimizing environmental impact.

The growth of the liquid fertilizers market is further supported by synthetic liquid fertilisers, which provide a concentrated source of nutrients that are quickly absorbed by plants, resulting in rapid growth and increased yields. They offer precise nutrient management, enabling farmers to address specific crop deficiencies efficiently. Additionally, synthetic fertilisers are typically less expensive than organic alternatives. In January 2024, Nutrien launched a new enhanced efficiency liquid fertiliser aimed at optimising nutrient uptake and supporting sustainable, higher yields with minimal environmental impact.

Competitive Landscape

The liquid fertilizers market key players offer a range of mineral fertilizers, industrial products, and plant nutrition solutions aimed at boosting agricultural productivity. These companies operate across more than 60 countries, assisting farmers with innovative technologies and precision agriculture to enhance crop yields while minimising environmental impact. They are committed to sustainability, focusing on reducing emissions, optimising resource use, and improving food security through responsible agricultural practices.

Yara International ASA

Headquartered in Oslo, Norway, Yara International ASA was established in 1905. It is a leading global fertiliser company, providing a wide range of crop nutrition solutions. Yara focuses on sustainable agriculture, delivering innovative products and services to improve crop yields while minimising environmental impact.

Israel Chemicals Ltd. (ICL)

Established in 1968 and headquartered in Tel Aviv, Israel, the company is a global manufacturer of fertilisers, specialities, and industrial products. ICL provides crop nutrients and solutions to improve agricultural productivity and is committed to sustainability through responsible resource management and innovative technologies in its product range.

Sociedad Quimica y Minera de Chile (SQM)

Founded in 1968 and headquartered in Santiago, Chile, SQM is a major producer of fertilisers, speciality plant nutrients, and lithium. It is one of the largest suppliers of potash and iodine globally. SQM focuses on sustainable mining and agricultural practices to support global food production.

Kugler Company

Founded in 1969 and headquartered in Nebraska, United States, the company specialises in manufacturing liquid fertilisers. The company provides high-performance, environmentally friendly fertiliser solutions to farmers, aiming to enhance crop production and improve soil health through innovative, efficient nutrient delivery methods.

Other key players in the liquid fertilizers market report include Agroliquid, Haifa Chemicals Ltd., Agrium Inc., Plant Food Company,

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Inc., and COMPO EXPERT GmbH, among others.

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