

Liquid Fertilizers Market Size & Share Analysis - Growth Trends and Forecast (2026 - 2031)

> ****Industry:**** Fertilizers, Crop Nutrition & Soil Health (Agriculture & Agribusiness)
> ****Source:**** <https://www.mordorintelligence.com/industry-reports/global-liquid-fertilizers-market>
> ****Scraped Date:**** 2026-09-17

Executive Market Summary

Market Metric	Details
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Base Market Size	USD 10.22 billion
Projected Forecast (2031)	USD 10.22 billion
Growth Rate (CAGR)	6.02 %
Largest Market Region	N/A
Fastest-Growing Region	N/A

Market Visualizations & Infographics

![Major players in Liquid Fertilizers industry](images/chart_2.png)

![Liquid Fertilizers Market (2026 - 2031)](images/chart_3.png)

![Liquid Fertilizers Market: Market Share by Type](images/chart_4.png)

![Liquid Fertilizers Market: Market Share by Crop Type](images/chart_5.png)

![Liquid Fertilizers Market CAGR (%), Growth Rate by Region](images/chart_6.png)

![Liquid Fertilizers Market concentration](images/chart_7.png)

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![ESOMAR](images/chart_18.png)

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Comprehensive Research Analysis

Overview Points List Flex 49 Share Feature End

Market Overview

Study Period | 2021 - 2031 |
Market Size (2025) | USD 10.22 Billion |
Market Size (2031) | USD 13.69 Billion |
Growth Rate (2026 - 2031) | 6.02 % |
Fastest Growing Market | Middle East |
Largest Market | Asia Pacific |
Market Concentration | Low |

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Market Overview

Liquid Fertilizers Market Analysis by Mordor Intelligence

The liquid fertilizers market size was valued at USD 9.74 billion in 2025 and is estimated to grow from USD 10.22 billion in 2026 to USD 13.69 billion by 2031, at a CAGR of 6.02% during the forecast period (2026-2031). Precision irrigation, green ammonia electrolysis, and government subsidy programs are pulling soluble formulations into mainstream farm practice, particularly across the Asia-Pacific and water-stressed parts of Africa. Nitrogenous liquids retained dominance in 2025 because urea-ammonium nitrate solutions match cereal crop phenology, while micronutrient blends are surging as smallholder growers confront chronic zinc and boron deficiencies. Real-time IoT blending units and drone-based foliar platforms are reducing application waste, elevating return on investment for field crops and horticulture operators alike. At the same time, rising scrutiny of Per- and polyfluoroalkyl substances (PFAS) chelating agents and the capital burden of corrosive-resistant logistics temper widespread adoption, leaving profitability finely balanced through 2031.

Key Report Takeaways

- * By type, straight fertilizers accounted for 58.7% of the liquid fertilizers market share in 2025, making them the largest product category. Complex fertilizers are projected to be the fastest-growing segment, advancing at a CAGR of 7.7% during 2026 to 2031.
- * By application mode, fertigation represented the largest application segment, contributing 62.6% of the liquid fertilizers market size in 2025, and is forecast to record the fastest growth, expanding at a CAGR of 7.3% through 2031.
- * By crop type, horticultural crops contributed 41.4% of liquid fertilizer market in 2025, remaining the largest demand center. Turf and ornamental crops are forecast to expand at the highest rate, registering a CAGR of 7.9% during 2026 to 2031.
- * By geography, Asia-Pacific led global liquid fertilizer revenue with a 39.9% share in 2025, while the Middle East is projected to deliver the strongest regional growth at a CAGR of 8.1% through 2031.

Key Market Trends

Global Liquid Fertilizers Market Trends and InsightsDrivers Impact Analysis*

Driver	(~) % Impact on CAGR Forecast	Geographic Relevance	Impact Timeline
Precision irrigation adoption accelerates liquid uptake	+1.8%	Asia-Pacific core, the Middle East, Africa, and South America spillover	Medium term (2-4 years)
Rapid shift toward balanced crop nutrition programs	+1.3%	Global, concentrated in North America, Europe, and the Asia-Pacific	Medium term (2-4 years)
Government subsidies favoring fertigation solutions	+1.5%	India, Bangladesh, Vietnam, Nigeria, Kenya, and selected South America markets	Short term (≤ 2 years)
Drone-based micro-spray fertilization platforms	+0.9%	Smallholder zones in Asia-Pacific, emerging Africa, and South America pilots	Long term (≥ 4 years)
On-farm IoT blending systems enabling just-in-time mixes	+1.1%	North America, Europe, and advanced Asia-Pacific operations	Medium term (2-4 years)
Nitrate-from-ammonia electrolysis lowering production cost	+0.6%	Global, early	

ly adoption in Europe | Long term (≥ 4 years) |
Source: Mordor Intelligence |

Competitive Landscape

Competitive Landscape

The liquid fertilizers market remains highly fragmented, with the five largest players accounting for a significant share, including Yara International ASA, Sociedad Química y Minera de Chile S.A., Indian Farmers Fertiliser Cooperative Limited (IFFCO), Grupa Azoty S.A., and Nortox SA in 2025. Yara International integrates its proprietary N-Sensor platform with liquid UAN grades, offering a bundled subscription model that combines analytics and products. Sociedad Química y Minera de Chile S.A. utilizes Chilean nitrate brine to develop potassium nitrate foliar products specifically designed for berry and avocado orchards. Tessenderlo Kerley has expanded its regional presence through the acquisitions of Tiger-Sul Products and Eastman's Metam labels, incorporating sulfur-enhanced liquids into a comprehensive nutritional product portfolio.

Strategic trends indicate a shift toward platform-based competition, where companies combine liquid fertilizer products with application services, agronomic support, and digital farm management tools to deliver differentiated value. Opportunities are emerging in on-farm blending systems that allow real-time nutrient customization, enabling farmers to tailor nutrient applications to specific crop needs and soil conditions, thereby optimizing yields and reducing waste. Additionally, the integration of advanced analytics and precision agriculture technologies within these platforms is further driving the adoption of such systems, as they provide actionable insights for better decision-making and resource management.

Emerging disruptors include technology firms developing electrochemical ammonia production systems, which have the potential to lower liquid nitrogen fertilizer production costs while enhancing environmental sustainability. For instance, the FertigHy consortium is planning low-carbon nitrogen fertilizer plants in Europe. Competitive dynamics favor companies that integrate regulatory compliance capabilities with technical innovation, particularly as increased scrutiny of Per- and polyfluoroalkyl substances (PFAS) impacts chelating agent formulations and transportation regulations influence distribution economics.

Liquid Fertilizers Industry Leaders* Yara International ASA

* Sociedad Química y Minera de Chile S.A.

* Indian Farmers Fertiliser Cooperative Limited (IFFCO)

* Grupa Azoty S.A.

* Nortox SA

* *Disclaimer: Major Players sorted in no particular order

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Component Component 3 Scope Of The Report Bottom

Global Liquid Fertilizers Market Report ScopeLiquid fertilizer is a nutrient-rich, water-soluble, or liquid-concentrated plant food applied directly to soil or foliage for rapid absorption. It delivers essential nutrients such as nitrogen, phosphorus, potassium (NPK), and micronutrients, offering faster results, easier application through sprays or irrigation systems, and more precise dosing compared to granular fertilizers. The Liquid Fertilizers Market Report is Segmented by Type (Complex and Straight), by Application Mode (Fertigation and Foliar), by Crop Type (Field Crops, Horticultural Crops, and More), and by Geography (Asia-P

acific, Europe, North America, South America, Middle East, and Africa). The Market Forecasts are Provided in Terms of Value (USD) and Volume (Metric Tons).

Type	Complex
Straight	By Nutrient Micronutrients
	Nitrogenous
	Phosphatic
	Potassic
	Secondary Macronutrients

Segmentation Accordion Item

Geography	Asia-Pacific Australia
	Bangladesh
	China
	India
	Indonesia
	Japan
	Pakistan
	Philippines
	Thailand
	Vietnam
	Rest of Asia-Pacific
Europe	France
	Germany
	Italy
	Netherlands
	Russia
	Spain
	Ukraine
	United Kingdom
	Rest of Europe
Middle East	Saudi Arabia
	United Arab Emirates
	Turkey
	Rest of Middle East
North America	Canada
	Mexico
	United States
	Rest of North America
South America	Brazil
	Rest of South America
Africa	South Africa
	Nigeria
	Rest of Africa

Frequently Asked Questions

How fast will the liquid fertilizers market grow through 2031?

The liquid fertilizers market was valued at USD 9.74 billion in 2025 and is projected to grow from USD 10.22 billion in 2026 to USD 13.69 billion by 2031, registering a CAGR of 6.0% during 2026–2031.

Which application mode will record the fastest percentage growth?

Fertigation is projected to be the fastest-growing application segment, advancing at a CAGR of 7.3% during 2026 to 2031.

Which region will record the fastest percentage growth?

The Middle East is projected to grow at an 8.1% CAGR during 2026–2031, driven by subsidy-backed pilot programs in Saudi Arabia.

What is the main regulatory hurdle ahead?

Tightening PFAS limits in the United States and Europe will force micronutrient formulators to adopt biodegradable chelates.