Chelated Micronutrient 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/chelated-micronutrient-fertilizers-market
> **Scraped Date:** 2026-09-17

Executive Market Summary

Market Metric	Details
Base Market Size	USD 1.05 billion
Projected Forecast (2031)	USD 1.05 billion
Growth Rate (CAGR)	8.20 %
Largest Market Region	N/A
Fastest-Growing Region	N/A

Market Visualizations & Infographics

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

![Chelated Micronutrient Fertilizers Market Size](images/chart_3.png)

![Chelated Micronutrient Fertilizers Market Share by Micronutrient Type, 2025](images/chart_4.png)

![Chelated Micronutrient Fertilizers Market Share by Chelating Agent, 2025](images/chart_5.png)

![Chelated Micronutrient Fertilizers Market Growth Rate by Region](images/chart_6.png)

![Chelated Micronutrient Fertilizers Market Concentration](images/chart_7.png)

![Icon](images/chart_8.png)

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![ESOMAR](images/chart_17.png)

![GPTW](images/chart_19.png)
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Comprehensive Research Analysis

Overview Points List Flex 49 Share Feature End

Market OverviewStudy Period | 2021 - 2031 |
Market Size (2026) | USD 1.05 Billion |
Market Size (2031) | USD 1.56 Billion |
Growth Rate (2026 - 2031) | 8.20 % |
Fastest Growing Market | Asia-Pacific |

Largest Market | Asia-Pacific |
Market Concentration | Medium |
Major Players*Disclaimer: Major Players sorted in no particular order

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Market Overview

Chelated Micronutrient Fertilizers Market Analysis by Mordor IntelligenceThe Chelated micronutrient fertilizers market size is projected to expand from USD 0.97 billion in 2025 and USD 1.05 billion in 2026 to USD 1.56 billion by 2031, registering a CAGR of 8.20% between 2026 and 2031. The chelated micronutrient fertilizers market is expanding as growers face deeper soil nutrient depletion, especially in intensively cultivated systems where repeated cropping has reduced the effectiveness of basic nutrient programs. The shift is also tied to the need for more reliable micronutrient uptake in soils where pH, water quality, and fixation issues limit the performance of conventional salts, which keeps demand focused on products with stronger bioavailability. The chelated micronutrient fertilizers market is also benefiting from the rise of high-value crop programs, where fruit quality, export acceptance, and yield consistency warrant premium nutrient inputs. Competitive positioning is moving toward biodegradable chelates, liquid delivery systems, and formulations that fit fertigation and precision advisory models, while established producers still rely on broad registration portfolios and deep global distribution. The chelated micronutrient fertilizers market also has room to grow in commercial farming systems that are adding drip irrigation, foliar programs, and crop-specific nutrition services, which support a durable medium-term demand base.

Key Report Takeaways* By micronutrient type, zinc led with 26.2% revenue share in 2025, while boron is forecast to expand at a 9.1% CAGR through 2031.
* By form, dry formulations held 58.4% of the chelated micronutrient fertilizers market share in 2025, while liquid formulations recorded the fastest projected CAGR at 8.8% through 2031.
* By chelating agent, EDTA accounted for 51.5% of the segment in 2025, while IDHA is advancing at a 9.5% CAGR through 2031.
* By mode of application, foliar spray represented 36.9% of the market in 2025, while fertigation is growing at a 9.7% CAGR through 2031.
* By crop type, fruits and vegetables accounted for 34.7% of the chelated micronutrient fertilizers market size in 2025 and are also projected to post the fastest CAGR of 9.2% through 2031.
* By geography, Asia-Pacific held 25.3% of the market in 2025 and is projected to record the fastest CAGR at 8.9% through 2031.

Key Market Trends

Market Trends and InsightsDrivers Impact Analysis of Chelated Micronutrient Fertilizers Market*Driver | (~) % Impact on CAGR Forecast | Geographic Relevance | Impact Timeline |
Rising micronutrient depletion in intensively farmed soils | +2.1% | Global, with acute concentration in South Asia, Sub-Saharan Africa, and East Asia | Long term (≥ 4 years) |
Precision agriculture is increasing prescription-based micronutrient use | +1.6% | North America, Europe, and Asia-Pacific core, with spillover to Middle East and Africa | Medium term (2-4 years) |
Yield protection in high-value crops is supporting chelated formulations | +1.4% | Global, strongest in Asia-Pacific, Europe, and South America | Long term (≥ 4 years) |
Water-soluble chelates are expanding fertigation compatibility | +1.2% | Asia-Pacific, Middle East, and Southern Europe | Medium term (2-4 years) |
Sustainability pressure is accelerating low-dose nutrient efficiency adoption |

+0.9% | Europe, North America, and Australia | Short term (≤ 2 years) |
Bioavailability advantage over conventional micronutrient salts is driving conversion | +0.8% | Global, most visible in high-pH calcareous soil belts | Long term (≥ 4 years) |
Source: Mordor Intelligence |

Competitive Landscape

Competitive Landscape

The chelated micronutrient fertilizers market is moderately consolidated, with BASF SE, Yara International ASA, The Mosaic Company, Coromandel International Limited, and Haifa Group forming the most visible global leadership tier. These companies shape product standards, technical positioning, and channel access, while a wider field of regional producers competes through localized distribution, price flexibility, and crop-specific formulations. The next layer includes companies such as BMS Micro-Nutrients B.V., ATP Nutrition, LLC, Nufarm Limited, The Andersons, Inc., and Valagro S.p.A. This structure keeps the chelated micronutrient fertilizers market competitive even though the leading players hold clear advantages in formulation breadth, compliance capacity, and technical marketing. It also explains why competition is not based on volume alone, but increasingly on performance reliability, sustainability fit, and the ability to support more precise application systems.

The competitive focus in the chelated micronutrient fertilizers market is shifting from simple efficacy claims toward product profile, regulatory fit, and integration with precision nutrition programs. Yara International ASA also expanded its Hanninghof Research Centre capabilities in 2026 to strengthen science-based research in specialty crop nutrition, including micronutrient-related research[3]
Source: Yara International ASA, “Yara Expands Research Capabilities in Biological Crop Solutions,” yara.com. These moves show that leading companies are trying to secure advantage through research depth and service integration, not only through standalone product sales. As a result, the chelated micronutrient fertilizers market is becoming more demanding for smaller suppliers that lack either research backing or differentiated product chemistry.

Capital allocation and portfolio discipline are also shaping competition in the chelated micronutrient fertilizers market. Yara International ASA said in January 2026 that its strategy toward 2030 includes stronger free cash flow generation and continued focus on premium crop nutrition lines such as YaraVita, which signals that specialty nutrients remain a strategic growth area. Coromandel International Limited also reported record specialty business volumes in the third quarter of fiscal year 2026, supported by micronutrients and organic categories, which highlights the value of scale in domestic distribution and specialty positioning. Suppliers that can combine water-soluble manufacturing, biodegradable chelate development, and advisory-led selling are likely to be better placed than those competing only on price. That keeps the competitive tone of the chelated micronutrient fertilizers market balanced between consolidation at the top and active fragmentation below it.

Chelated Micronutrient Fertilizers Industry Leaders* The Mosaic Company

* Haifa Group

* Coromandel International Limited

* Yara International ASA

* BASF SE

* *Disclaimer: Major Players sorted in no particular order
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Component Component 3 Scope Of The Report Bottom

Global Chelated Micronutrient Fertilizers Market Report ScopeChelated micronutrient fertilizers are specialized plant nutrients (like iron or zinc) chemically bound to larger organic molecules known as chelating agents. This organic "shield" prevents micronutrients from reacting with soil particles, keeping them highly soluble and readily available to plant roots and foliage.

The chelated micronutrient fertilizers market report is segmented by micronutrient type (zinc, iron, manganese, boron, copper, molybdenum, other micronutrient types), by form (dry and liquid), by chelating agent (EDTA, EDDHA, DTPA, IDHA, other chelating agents), by crop type (fruits and vegetables, cereals and grains, oilseeds and pulses, other crop types), by application mode (fertigation, foliar, seed treatment, and soil), and by geography (North America, South America, Europe, Asia-Pacific, Middle East and Africa). The market forecasts are provided in terms of value (USD) and volume (metric tons).

By Micronutrient TypeZinc |
Iron |
Manganese |
Boron |
Copper |
Molybdenum |
Other Micronutrient Types |

Segmentation Accordion Item

By GeographyNorth America | United States |
| Canada |
| Rest of North America |
South America | Brazil |
| Argentina |
| Rest of South America |
Europe | Germany |
| France |
| United Kingdom |
| Italy |
| Spain |
| Russia |
| Rest of Europe |
Asia-Pacific | China |
| India |
| Japan |
| South Korea |
| Australia |
| Rest of Asia-Pacific |
Middle East | Saudi Arabia |
| United Arab Emirates |
| Turkey |
| Rest of Middle East |
Africa | South Africa |
| Egypt |
| Nigeria |
| Rest of Africa |

Frequently Asked Questions

What is the 2031 outlook for chelated micronutrient fertilizers?

The chelated micronutrient fertilizers market is projected to reach USD 1.56 billion by 2031 from USD 1.05 billion in 2026, growing at an 8.2% CAGR over 2026 to

2031.

Which nutrient category leads current demand?

Zinc is the largest micronutrient type, holding 26.2% share in 2025, supported by widespread zinc deficiency across major agricultural regions.

Which application method is expanding the fastest?

Fertigation is the fastest-growing application mode with a 9.7% CAGR through 2031 because it fits precision irrigation systems and water-soluble nutrient programs.

Why are fruits and vegetables so important to demand growth?

Fruits and vegetables held 34.7% share in 2025 and are projected to grow at a 9.2% CAGR, because quality losses and fruit set issues make precise micronutrient management more valuable in these crops.