

# Compound Fertilizer Market is expected to reach US\$ 13.1 billion by 2030 | DataM Intelligence

The Global Compound Fertilizer Market is expected to reach at a CAGR of 5.6% during the forecast period 2024-2031.

AUSTIN, TX, UNITED STATES, March 6, 2026 /EINPresswire.com/ -- Market Overview:

The Global [Compound Fertilizer Market](#) has witnessed substantial growth over the past decade, driven by the increasing demand for enhanced agricultural productivity and sustainable farming practices.

Compound fertilizers, which are blends of two or more essential nutrients such as nitrogen, phosphorus, and potassium, are widely preferred due to their efficiency in promoting crop yield, soil fertility, and nutrient balance. With modern agriculture relying heavily on high-yield crops to meet the needs of a growing global population, the adoption of compound fertilizers has become indispensable across both developing and developed nations.

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The Compound Fertilizer Market is expanding steadily, driven by rising global food demand, soil nutrient depletion, and increasing adoption of advanced agricultural practices worldwide.”

*DataM Intelligence*



## Compound Fertilizer Market



CAGR of 5.6%  
Key players:

- FarmHannong
- Yara
- Neufarm
- Xinyangfeng Agricultural Technology Co., Ltd.
- Hebei Sanyuanjiuqi Fertilizer Co.,Ltd
- Hanfeng Evergreen
- Nutrien Ag Solutions
- ICL
- Sumitomo Chemical Co., Ltd.

Compound Fertilizer Market

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According to DataM Intelligence, The Global Compound Fertilizer Market was valued at approximately USD 8.5 billion in 2022 and is projected to reach USD 13.1 billion by 2030, registering a CAGR of around 5.6% during the forecast period. The growth is primarily fueled by increased government initiatives promoting modern

farming techniques, the rising prevalence of precision agriculture, and the growing focus on soil

health management. Among various product types, NPK fertilizers remain the leading segment due to their balanced nutrient profile, while Asia-Pacific continues to dominate geographically, attributed to the large agricultural base in countries like China and India, coupled with the strong governmental push for sustainable crop production.

#### Key Highlights from the Report:

The Market is projected to surpass USD 13.1 billion by 2030, reflecting steady growth.

NPK fertilizers dominate the product segment due to balanced nutrient content.

Asia-Pacific leads the regional market, driven by large-scale agriculture.

Increasing adoption of precision farming is enhancing fertilizer efficiency.

Rising government subsidies for agriculture positively impact market growth.

Growing awareness of sustainable farming practices boosts compound fertilizer demand.

#### Market Segmentation:

The Compound Fertilizer Market is segmented primarily by product type, crop type, and application method. Based on product type, the market is dominated by NPK fertilizers, followed by NP and NK fertilizers. NPK fertilizers are preferred because they provide a balanced supply of nitrogen, phosphorus, and potassium, which are critical for crop growth. NP and NK fertilizers find usage in specific crops with unique nutrient requirements, such as cereals and oilseeds.

By crop type, cereals and grains represent the largest end-user segment due to the extensive cultivation of rice, wheat, and maize in major agricultural regions. Oilseeds, fruits, and vegetables also form significant segments, with compound fertilizers helping improve yield and nutrient density. Based on application methods, the market is divided into soil application and foliar application. Soil-applied fertilizers account for the majority share, supported by traditional farming practices, while foliar fertilizers are witnessing rising adoption due to their efficiency in nutrient absorption and faster results.

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#### Regional Insights:

Asia-Pacific emerges as the largest regional market for compound fertilizers, with countries such as China, India, and Indonesia driving demand. The region's dominance is attributed to its substantial agricultural land, high population density, and government policies promoting the use of high-efficiency fertilizers to ensure food security. China, in particular, remains a key consumer of NPK fertilizers due to the cultivation of staple crops like rice and wheat, while India's focus on modernizing agriculture supports rising fertilizer adoption.

In North America, the market is driven by technological advancements in agriculture, including

precision farming tools and automated nutrient management systems. Farmers are increasingly adopting high-efficiency compound fertilizers to optimize crop output and reduce environmental impact. Europe demonstrates steady growth, fueled by sustainable agriculture initiatives, organic farming regulations, and environmental compliance policies that promote efficient fertilizer use. Latin America and Africa present emerging opportunities due to expanding arable land and the adoption of modern farming techniques.

## Market Dynamics:

### Market Drivers

The growth of the compound fertilizer market is primarily driven by the increasing need for enhanced crop productivity and soil fertility. Rising global food demand, changing dietary patterns, and the limited availability of arable land push farmers to adopt nutrient-rich fertilizers. Government subsidies, supportive agricultural policies, and rising awareness regarding balanced nutrient application also contribute significantly to market expansion. Additionally, technological advancements, such as coated and controlled-release fertilizers, enhance nutrient efficiency and further boost market adoption.

### Market Restraints

Despite the positive growth outlook, the market faces challenges such as fluctuating raw material prices, including ammonia, urea, and phosphate rocks, which can impact profitability. Environmental concerns regarding excessive fertilizer usage, including soil degradation, water pollution, and greenhouse gas emissions, also limit widespread adoption. Moreover, a lack of awareness among small-scale farmers in developing regions may slow market penetration.

### Market Opportunities

The Market offers significant opportunities through the introduction of eco-friendly and slow-release compound fertilizers. These products reduce nutrient loss, improve soil health, and support sustainable agriculture practices. Expansion in emerging economies with increasing arable land and investments in precision agriculture technologies presents a lucrative avenue for market growth. Collaborations between fertilizer manufacturers and agricultural research institutes to develop crop-specific formulations also enhance market potential.

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## Frequently Asked Questions (FAQs):

How Big is the Compound Fertilizer Market globally?

Who are the Key Players in the Global Compound Fertilizer Market?

What is the Projected Growth Rate of the Compound Fertilizer Market?

What is the Market Forecast for 2032?

Which Region is Estimated to Dominate the Compound Fertilizer Market through the Forecast

Period?

Company Insights:

Key players operating in the Compound Fertilizer Market include:

FarmHannong

Yara

Neufarm

Xinyangfeng Agricultural Technology Co., Ltd.

Hebei Sanyuanjiuqi Fertilizer Co.,Ltd

Hanfeng Evergreen

Nutrien Ag Solutions

ICL

K+S Aktiengesellschaft

Sumitomo Chemical Co., Ltd.

Recent Developments:

United States:

January 2026: The Fertilizer Institute reported a 7% market growth projection for 2026, driven by bio-enhanced compound variants amid ongoing drought recovery efforts in key ag states.

December 2025: US fertilizer manufacturers announced expanded production of controlled-release compound fertilizers to address rising demand from corn and soybean farmers amid volatile global nitrogen prices. Regulatory incentives under the 2025 Farm Bill encouraged low-emission formulations, boosting adoption in the Midwest.

November 2025: Major firms like Nutrien launched a new NPK 10-20-20 blend optimized for sustainable soil health, reducing runoff by 25% in field trials across California and Texas. This followed EPA guidelines tightening nutrient management standards.

October 2025: Supply chain investments totaling \$150 million were revealed by industry leaders to secure phosphate imports, stabilizing compound fertilizer prices after earlier disruptions. Precision agriculture integrations enhanced targeted application efficiency.

Japan:

February 2026: Compound fertilizer professional market analysis notes growth from precision agriculture adoption and government incentives for sustainable high-yield crops.

February 2026: High-concentration compound fertilizer market trends highlight environmental regulations favoring low-runoff formulations and digital tools for nutrient delivery.

December 2025: Limited specific news; ongoing trends emphasize precision agriculture and high-concentration compounds for rice and vegetables amid land constraints.

November 2025: Sumitomo Chemical introduced an eco-friendly compound fertilizer with bio-based additives, aligning with national organic farming targets and reducing leaching by 30% in Hokkaido trials.

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Conclusion:

The Compound Fertilizer Market is on a steady growth trajectory, driven by rising global food demand, technological advancements, and the increasing adoption of sustainable agricultural practices. NPK fertilizers dominate the market due to their balanced nutrient content, and the Asia-Pacific region continues to lead geographically because of its large agricultural base and government support. While challenges such as environmental concerns and raw material volatility exist, the market presents significant opportunities through eco-friendly products, precision farming solutions, and expansion into emerging economies. As global agriculture moves toward efficiency and sustainability, compound fertilizers will remain a critical tool in ensuring higher crop yields and long-term soil health.

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