

# **Fertilizers Market Forecasts to 2032 – Global Analysis By Type (Nitrogenous Fertilizers, Phosphatic Fertilizers, Potassic Fertilizers, Complex & Specialty Fertilizers, Micronutrient Fertilizers, Biofertilizers & Organic Fertilizers, and Other Types), Formulation, Technology, Distribution Channel, Application, End User and By Geography**

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## **Abstracts**

According to Statistics MRC, the Global Fertilizers Market is accounted for \$302.63 billion in 2025 and is expected to reach \$455.04 billion by 2032 growing at a CAGR of 6.0% during the forecast period. Fertilizers are substances applied to soil or plants to supply essential nutrients that enhance growth, productivity, and crop quality. They replenish nutrients such as nitrogen, phosphorus, and potassium that are depleted during cultivation. Fertilizers may be organic, derived from natural sources, or inorganic, manufactured through chemical processes. By improving soil fertility and supporting healthy plant development, fertilizers play a vital role in modern agriculture, helping farmers achieve higher yields, ensure food security, and maintain sustainable farming practices across diverse cropping systems.

According to the Food and Agriculture Organization (FAO), Fertilizer consumption globally grew by 4.5% to around 210 million metric tons this year, as measured in metric tons

## **Market Dynamics:**

Driver:

## Shift in dietary patterns

Growing urbanization and rising incomes are altering food preferences, leading to increased demand for diversified and high-quality crops. To meet this demand, farmers are focusing on maximizing yields per unit area through efficient nutrient management. Fertilizers play a critical role in improving soil fertility and supporting intensive cropping systems. Awareness of balanced plant nutrition is increasing among commercial growers and agribusinesses. This shift is encouraging the use of specialized and crop-specific fertilizer formulations. As a result, evolving dietary habits are directly contributing to sustained growth in the fertilizers market.

### Restraint:

#### Limited adoption by smallholders

High input costs and restricted access to credit discourage consistent fertilizer usage in low-income farming communities. Inadequate knowledge about optimal application rates and timing further reduces effectiveness and confidence. Fragmented landholdings make mechanized and precision-based fertilizer application less viable. Distribution challenges in remote rural areas also limit product availability. Smallholders often prioritize short-term cost savings over long-term soil productivity. These factors collectively slow fertilizer penetration in developing agricultural economies.

### Opportunity:

#### Technological innovations & smart fertilizers

Controlled-release, slow-release, and stabilized formulations improve nutrient uptake and reduce losses. Integration of digital agriculture tools enables precise nutrient recommendations based on soil and crop data. Smart fertilizers help optimize input use while minimizing environmental impact. Innovations in coating technologies and micronutrient fortification are improving crop response. Farmers benefit from higher efficiency and improved return on investment. These innovations are positioning advanced fertilizers as a key growth avenue for the market.

### Threat:

#### Competition from organic & alternative inputs

Increasing consumer demand for organic and residue-free food is influencing farming practices. Government policies promoting sustainable and natural agriculture are supporting bio-based inputs. Organic manures, biofertilizers, and compost are gaining acceptance as eco-friendly solutions. Environmental concerns related to chemical fertilizer overuse are strengthening this shift. Price volatility and regulatory scrutiny further challenge synthetic fertilizer adoption. Together, these factors may limit growth prospects for traditional fertilizer products.

### **Covid-19 Impact:**

The COVID-19 pandemic caused temporary disruptions across fertilizer production, supply chains, and logistics. Lockdowns and movement restrictions affected raw material availability and manufacturing operations. Delays in transportation led to regional shortages during critical planting seasons. However, agriculture being classified as an essential sector ensured faster recovery compared to other industries. Governments prioritized food security, supporting continued fertilizer demand. Companies adapted by strengthening local supply networks and inventory management. Post-pandemic, the market has shown resilience with renewed focus on supply chain stability.

The nitrogenous fertilizers segment is expected to be the largest during the forecast period

The nitrogenous fertilizers segment is expected to account for the largest market share during the forecast period, due to its essential role in crop growth. Nitrogen is a primary nutrient required for vegetative development and yield enhancement. Crops such as cereals and oilseeds have high nitrogen demand, driving consistent usage. Products like urea and ammonium nitrate are widely adopted due to cost-effectiveness. Easy availability and quick crop response further support segment dominance. Government subsidies in several regions also favor nitrogenous fertilizers.

The horticulture segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the horticulture segment is predicted to witness the highest growth rate, due to rising demand for fruits and vegetables. Increasing health awareness is encouraging consumption of fresh and nutritious produce. Horticultural crops require intensive nutrient management for quality and yield optimization. Fertilizers enhance color, size, shelf life, and overall market value of produce. Growth of

protected cultivation and greenhouse farming is boosting fertilizer usage. Export-oriented horticulture is further driving adoption of specialized fertilizers.

### **Region with largest share:**

During the forecast period, the Europe region is expected to hold the largest market share, due to advanced agricultural practices. The region has well-established farming infrastructure and high fertilizer application efficiency. Strong emphasis on crop productivity and quality supports sustained demand. Adoption of precision farming and nutrient management technologies is widespread. Regulatory frameworks encourage balanced fertilizer usage rather than elimination. Presence of major fertilizer manufacturers strengthens regional supply chains.

### **Region with highest CAGR:**

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR, owing to rapid agricultural expansion. Rising population and food demand are pressuring farmers to improve yields. Countries such as China and India are increasing fertilizer consumption to support staple crops. Government initiatives promoting modern farming inputs are accelerating adoption. Growth in horticulture and cash crops is boosting nutrient demand. Improving awareness of soil health is influencing fertilizer usage patterns.

### **Key players in the market**

Some of the key players in Fertilizers Market include Wesfarme, PhosAgro, Nutrien Lt, OCI, Yara Intern, Fertigllobe, The Mosai, Chambal F, CF Industr, Sinofert H, SQM S.A., Coromand, Israel Che, OCP Group, and K+S Aktie.

### **Key Developments:**

In August 2025, BASF and Yara International ASA have jointly decided to discontinue their project to develop a low-carbon ammonia production facility with carbon capture and storage in the U.S. Gulf Coast region. This decision reflects the companies' commitment to focus on initiatives with the highest potential to achieve their respective value creation goals. Yara will continue its ammonia strategy as previously communicated, evaluating and maturing equity investment opportunities in U.S. ammonia to determine the optimal project portfolio.

In August 2024, The Australian Chamber Orchestra (ACO) has announced that Wesfarmers Arts has become the Principal Partner of the organisation. The Principal Partnership will commence from the announcement of the ACO's 2025 Season, during which the Orchestra will celebrate its 50th anniversary year. This announcement marks the continuation of a rich history of collaboration between the two companies that began nearly three decades ago.

#### Types Covered:

Nitrogenous Fertilizers

Phosphatic Fertilizers

Potassic Fertilizers

Complex & Specialty Fertilizers

Micronutrient Fertilizers

Biofertilizers & Organic Fertilizers

Other Types

#### Formulations Covered:

Granular

Liquid

Powder

#### Technologies Covered:

Conventional Fertilizers

Controlled-Release & Slow-Release Fertilizers

Nano-Fertilizers

Bio-based & Microbial Fertilizers

Distribution Channels Covered:

Direct Sales

Retail

E-Commerce/Online Platforms

Applications Covered:

Field Crops

Horticulture

Turf & Landscaping

Other Applications

End Users Covered:

Commercial Farms

Smallholder Farms

Government/Institutional Buyers

Other End Users

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

**What our report offers:**

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2024, 2025, 2026, 2028, and 2032
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

**Free Customization Offerings:**

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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