

Global Fertilizer Coating Market Outlook to 2027

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Abstracts

Fertilizer Coating is a numerous coating applied to the fertilizer particles to influence their solubility in soil. According to BlueQuark Research & Consulting, the global Fertilizer Coating market is expected to witness a significant growth rate during the forecasted period. Factors like the surging demand for efficient fertilizers in the agricultural industry are expected to drive the need for coated fertilizers in the forecasted period. Further, the growing concern over sustainability and cost minimization in the farming sector propels the demand for coated fertilizers. A rigorous regulatory framework on the usage of conventional fertilizers is expected to move further the need for coated fertilizers in the forecasted period. The ongoing Research and Development to enhance the quality of Fertilizers Coating and make them more adaptable with the ever-changing regulations are likely to act as a growth opportunity. However, the excessive price of Fertilizer Coating is expected to obstruct the Fertilizer Coating Market's growth.

The consumption of agricultural coatings is increasing significantly due to the rising demand for agricultural output, protection from pests & diseases, the need for ease of handling and flowability, and farmers' quality consciousness.

The Agricultural Industry is a leading consumer of Fertilizer Coating globally and is expected to drive the market. The global agricultural industry is presently facing a significant challenge to ensure food security to meet the increasing demand for agricultural products while reducing the harmful effects of the agrarian process on the environment. A wide variety of coatings such as polymer-coated urea and sulfur-coated urea have been applied to the fertilizers particles, which control their solubility in soil by monitoring the rate of nutrient release by offering various environmental, yield, and economic benefits. Coated fertilizers are promoted in agricultural and horticultural situations as they can support nutrient release, decreasing leaching and gaseous loss. Usage of coated fertilizers also decreases labor costs by removing the need for multiple

fertilizer applications. In Brazil, agricultural production is expected to increase, so it is likely associated with the demand for fertilizers and pesticides. A rise in 2020 relative to 2019 was 5.8% in terms of revenue, and 8.0% in the application area (1.6 billion ha) 2.0 % referred to new agricultural areas. The agricultural industry has increased its fertilizer consumption usage to boost crop production. The global demand for critical fertilizers has witnessed a surge of 1.9% since 2015, reaching 194.8 Million in 2020, illustrating the growing need for fertilizers in the recent era. Precision farming has the potential to better production and nutrient-use efficiency, ensuring that nutrients do not leach from or pile up in excessive concentrations in parts of the field. Precision farming has been gaining authority in developed countries for efficient usage of the fertigation method in which controlled-release fertilizers play a significant role. The release patterns and coating technology of controlled-release fertilizers can be fed into the information system, further providing an accurate analysis of the nutrient requirements for the crops, application rate, and mixing ratio required within the fertigation system. Thus, the growing automotive, construction and medical demand are all set to drive the future Fertilizer Coating market.

The Asia Pacific has been the dominating area in the production and consumption of Fertilizer Coating and is awaited to continue at the same pace. Agriculture, an industry upon which the Indian economy is heavily dependent. Foodgrain production, which stood at an essential 50 million tons in 1948-49, had increased about six-fold to 296 million tons by the last of 2019-20 from an approximate 169 million hectares of permanently cropped land. This result has been achieved using high-yield seeds varieties, advanced irrigation technologies, fertilizers, and pesticides. Fertilizers are prepared by heating their surface, then entering it in a rotating drum where it is sprinkled hydraulically with sulfur and then with a wax sealant. This coated fertilizer, when worn in proper combination with nitrogen, phosphorus, and potash, sulfur boosts water penetration in soil, promotes turf rise and density, and helps balance the alkalinity in the ground. China, a country with wealthy agricultural resources, is also witnessing a surge in food demand due to the increasing population. China produces one-fourth of the world's grain. The growing demand for food by the ever-growing population has put considerable pressure on farmers to raise farm yields, which has paved the way for agricultural coatings. Farmers and consumers are willing to pay more for quality seeds and fertilizers to enhance the yield. The advancement in farming techniques and applications of fertilizer, commercial seed, and pesticides technology have created a consequential demand for agricultural coating in the global market. There are numerous technological developments in seed technologies, which increasingly advantage sustainable crop production. The growing demand for agricultural output has encouraged the commercial use of innovative seed technologies. There is a growing

trend of commercial application of seed technologies by specialist applicators or seed companies. High-value seeds need more complex technology, and thus, are used by commercial applicators. The increasing agricultural activities and need for efficient fertilizers are expected to drive the demand for Fertilizer Coating in the forecasted years.

The industry's major global players were Triferto Fertilizers, Arkema, Compo Expert GmbH, Nufarm Ltd., Omex, and The Dow Chemical Company.

In August 2019, Yara International ASA and Nel Hydrogen Electrolyser had plunged into a collaboration agreement to manufacture low-carbon-footprint fertilizer at Yara's existing plant in Porsgrunn, Norway.

Global Fertilizer Coating Market report provides deep insight into the Industrial market's current and future state across various regions. The study comprehensively analyses the Fertilizer Coating market by segmenting based on the Coating Type (Sulfur, Polymers, Others), Fertilizer Type (Granular Nitrogen Fertilizer, Prilled Nitrogen Fertilizer, Other), and Geography (Asia-Pacific, North America, Europe, South America, and Middle-East and Africa). The report examines the market drivers and restraints and the impact of Covid-19 on the market growth in detail. The study covers and includes emerging market trends, developments, opportunities, and challenges in the industry. This report also covers extensively researched competitive landscape sections with prominent companies and profiles, including their market shares and projects.

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