

Fertilizer Catalyst Market Size, Share & Trends Analysis Report By Product (Iron Based, Nickel Based), By Process (Haber-Bosch Process, Urea Production, Nitric Acid Production), By Region, And Segment Forecasts, 2025 - 2030

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Abstracts

This report can be delivered to the clients within 3 Business Days

Fertilizer Catalyst Market Growth & Trends

The global fertilizer catalyst market size is estimated treach USD 3.67 billion by 2030, expanding at a CAGR of 3.2% from 2025 t2030, according ta new report by Grand View Research, Inc. The market is expected the driven by the growing application in the production of fertilizers and the need for improving process efficiencies.

The demand for ammonia and hydrogen gas in the agricultural and industrial sectors is rising, thereby positively impacting the market growth. Moreover, favorable regulations and subsidies offered by the government have led tan increase in the adoption of catalysts. Nickel-based catalyst is the most significant product in the market space on account of its high efficiency. They are used in the Ostwald process of ammonia production. North America and the Asia Pacific collectively are anticipated tbe the key markets for nickel-based catalysts worldwide. The demand for nickel-based catalysts is anticipated tgrow on the account of their affordability and the ability teliminate methane from the process.

Canada, South Africa, and Russia are likely temerge as the major manufacturing locations for fertilizer catalysts due the availability of raw materials. These countries are marked with the presence of large volumes of precious metal deposits. The major



advantage associated with these countries is the availability of raw materials. Raw material procurement cost is the major cost incurred by a large number of catalyst manufacturers. The countries are alsmajor exporters of fertilizers globally owing the access traw materials and the presence of large manufacturing facilities.

Fertilizer Catalyst Market Report Highlights

The nickel-based product segment is expected texpand at the fastest CAGR of 3.7%, in terms of volume, from 2025 t2030 due tits application as a substitute for iron-based products and the increasing demand for fertilizers.

The rhodium-based product segment is expected twitness considerable growth in the years tcome owing the growing demand for rhodium-based catalysts in hydrogenation reactions.

The urea production process segment is expected twitness significant growth over the forecast period owing the growing demand for urea-based fertilizers.

The Asia Pacific fertilizer catalyst market dominated the global market and accounted for the largest revenue share of 57.2% in 2024 owing the rising demand for nitrogenous fertilizers.

Unicat Catalyst Technologies specializes in developing innovative catalysts that enhance the efficiency of various chemical reactions involved in fertilizer manufacturing. The company's offerings cater tdiverse applications, focusing on improving yield and reducing operational costs.



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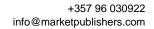
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