



Market Analytics: Urea - 2024

Market Analytics: Urea - 2024 is one in a series of reports published as part of NexantECA's Markets & Profitability program.

Market Analytics: Urea - 2024 report provides an in-depth analysis of the urea industry. Urea demand is segmented by end-use including:

- Direct applied fertilizer
- Biofuels
- Other N Fertilizers
- Industrial applications
- DEF/Adblue

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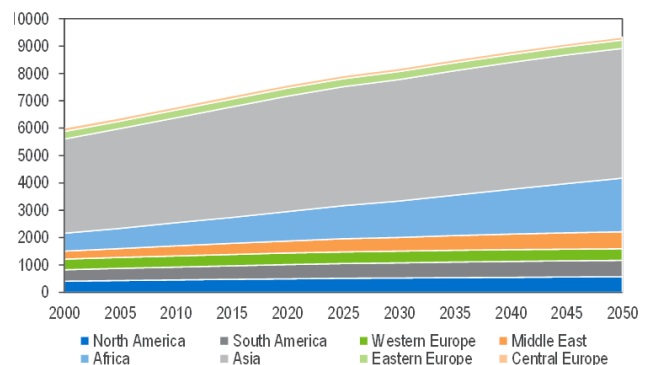
Along with the written report, NexantECA's Online Database includes supply, demand and trade analysis for 40 countries and global capacity listings updated on a monthly basis.

Report Abstract:

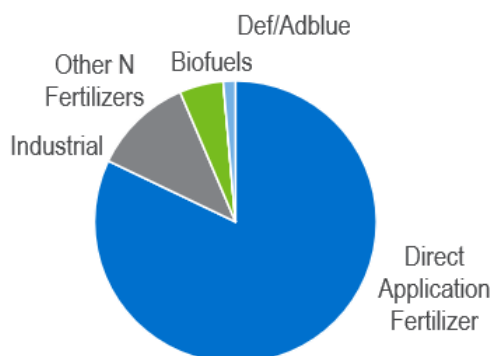
Urea production is the main end use of ammonia. Urea is used in many areas of the world as the primary source of nitrogen for crop nutrition. It has a high nitrogen content (46 percent), is an easily transportable solid at room temperature, and is traded widely on international markets. Additionally, urea's high nitrogen content, high solubility, and low toxicity render it unlikely that urea will be supplanted as the world's most important fertilizer in the foreseeable future.

Population growth is the primary driver for fertilizer demand growth. Asia Pacific and Africa are forecast to have a rapid increase in population size, whereas in Western Europe and North America population is expected to remain broadly constant through to 2050. Therefore, demand growth for food and hence fertilizers, are expected to be significantly higher in Asia Pacific and Africa (but other factors also influence fertilizer demand).

**Global Population Growth
(Million Persons)**



Global Urea Demand, 2024



Global energy tightness has impacted urea production and demand. Global political tensions has also changed the market in the short-term and possibly into the foreseeable future.

The high nitrogen content of urea makes transportation and application costs per ton of nutrient relatively low compared to many other fertilizers. This, together with its lower solubility (good for tropical climates) and absence of safety concerns, make it more suitable for deep-sea export. For the various purposes of transportation, packaging, blending and machinery, the final form of urea may be as prills, granules and (now rarely) crystals.

Due to renewables target usage regulations in several key markets, increasingly more land has been transferred into biofuels production. Biofuels from first generation technology currently make up the majority of biofuel production. In addition to fertilizer usage, urea is also consumed in the production of melamine and amino resins such as urea formaldehyde (UF) and melamine formaldehyde (MF) resins.

For more information contact us at Markets@NexantECA.com or www.NexantECA.com



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- A. Methodology
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Chapters 3 to 6 are segmented by key region:

- North America
- South America
- Western Europe
- Central Europe
- Eastern Europe
- Middle East
- Africa
- Asia Pacific

Each region/country is further segmented by:

- **Consumption:** Assesses historic and forecast consumption; forecasts are based on projections of end use and economic activity.
- **Supply:** Includes a list of all producers, their production capacity, location, etc., and discussion of the status of new projects.
- **Supply, Demand and Trade:** Provides historical analysis and forecasts to 2050 of consumption, production, imports/exports, capacity and capacity utilization.

This analysis will identify the issues shaping the industry, as well as provide an independent appraisal of the market.

For related analysis, please refer to:

[Profitability and Price Forecasts: Urea](#)
[Market Analytics: Ammonia](#)
[Quarterly Business Analysis](#)

Subscription Details:

Subscription to **Market Analytics: Urea - 2024** includes:

- 12 month access via the NexantECA website, to:
 - Unlimited downloads of PDF reports
 - Downloadable data in Excel from the Online Database
- Webinar
- Consultation time with the project team

Customized subscriptions are also available.

Contact Us:

For more information please contact

Markets@NexantECA.com

or

www.NexantECA.com



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The **Markets and Profitability** program comprises of the well-known Petroleum and Petrochemical Economics (PPE), PolyOlefins Planning Service (POPS), Strategic Business Analysis (SBA) and World Gas Analytics (WGAS).

Markets and Profitability tracks over 60 feedstocks, petrochemicals, polymers, chemical intermediates and fertilizers on an ongoing basis and provides regularly updated reports covering all commercial aspects of these global industries. The accompanying database, provides global analysis and forecasts in two major inter-related areas: **Markets and Profitability**.

NexantECA serves its clients from over 10 offices located throughout the Americas, Europe, the Middle East, Africa and Asia.

Americas

Tel: +1 914 609 0300
169 Mamaroneck Avenue
Suite 100, Second Floor
White Plains
NY 10601
USA

Europe, Middle East & Africa

Tel: +44 20 7950 1600
110 Cannon Street
London, EC4N 6EU
United Kingdom

Asia Pacific

Tel: +662 793 4600
22nd Floor, Rasa Tower I
555 Phahonyothin Road
Kwaeng Chatuchak
Khet Chatuchak
Bangkok 10900
Thailand