

Nitrogen Solutions

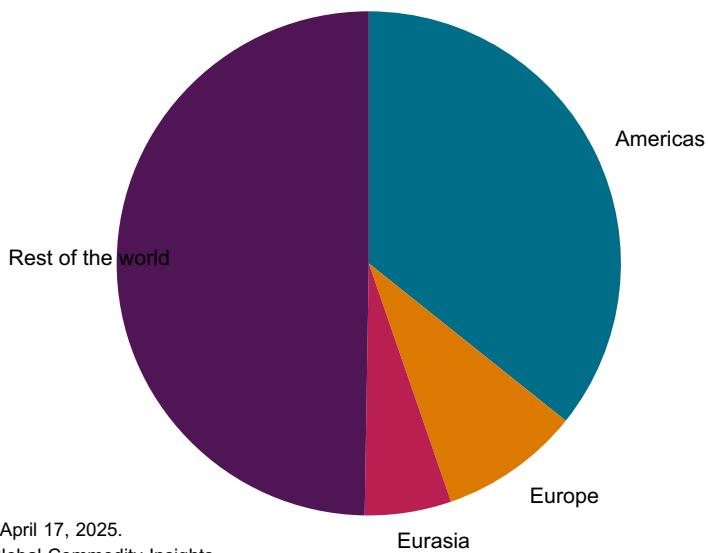
June 2025

Abstract

Nitrogen solutions are water solutions of selected nitrogen chemicals that are blended rather than being the products of a chemical reaction. Nitrogen solutions have been used almost exclusively as fertilizer materials. Urea-ammonium nitrate (UAN) solutions, containing 28%-32% nitrogen, account for the bulk of the market. Global consumption is concentrated in North America, especially the United States, and Western Europe.

The following chart shows consumption of nitrogen solutions by major region:

World consumption of nitrogen solutions — 2025



Data compiled April 17, 2025.
Source: S&P Global Commodity Insights.
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Fertilizer use of nitrogen solutions is largely confined to countries with highly developed agricultural economies, where the use of irrigation is common and transportation logistics allow for the distribution of liquid products. Very little consumption occurs in developing regions of the world, as consumers are accustomed to using dry products and logistics prohibit economical transportation. Nitrogen solutions account for only a minor share of the total global nitrogen fertilizer market.

Global consumption of nitrogen solutions will decrease slightly during the forecast period, driven primarily by the markets in North America, particularly the United States.

This report provides an excellent insight into the global market for nitrogen solutions, as well as the major urea-ammonium nitrate (UAN) solution producers associated with the production of such fertilizers. It has been compiled using primary industry research and brings together elements of other fertilizer-related reports in S&P Global's Chemical Economics Handbook (CEH).

For more detailed information, please see the table of contents listed below.

S&P Global's Chemical Economics Handbook – *Nitrogen Solutions* is the comprehensive and trusted guide for anyone seeking information into this industry. This latest report details global and regional information, including:



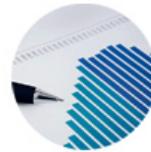
Global summary;
regional coverage



Producers with
annual capacities
and plant sites



Production figures
and trends



Consumption and
forecasts by end use
application



Manufacturing
processes and
environmental issues



Trade – imports
and exports

Key benefits

S&P Global's Chemical Economics Handbook – *Nitrogen Solutions* has been compiled using primary interviews with key suppliers and organizations, and leading representatives from the industry in combination with S&P Global's unparalleled access to upstream and downstream market intelligence and expert insights into industry dynamics, trade and economics.

This report can help you:

- Identify trends and driving forces influencing chemical markets
- Forecast and plan for future demand
- Understand the impact of competing materials
- Identify and evaluate potential customers and competitors
- Evaluate producers
- Track changing prices and trade movements
- Analyze the impact of feedstocks, regulations and other factors on chemical profitability

Table of contents

Executive summary	5
Summary	6
Introduction	9
Manufacturing processes	10
Supply and demand by region	11
World	11
Salient statistics	11
Capacity	11
Production	12
Consumption	14
Trade	16
United States	18
Producing companies	18
Salient statistics	21
Production	22
Consumption	23
Price	24
Trade	25
Canada	26
Producing companies	26
Salient statistics	27
Latin America and the Caribbean	28
Mexico	29
Producing companies	29
Salient statistics	30
Central and South America	31
Producing companies	31
Salient statistics	31
Production	32
Western Europe	35
Producing companies	35
Capacity	37
Salient statistics	38
Production	39
Consumption	40
Price	41
Trade	42
Central and Eastern Europe	44
Producing companies	44
Capacity	46
Salient statistics	48
Production	48

Consumption	49
Price	50
Trade	51
Eurasia	52
Producing companies	52
Capacity	54
Salient statistics	55
Production	56
Consumption	56
Price	57
Trade	58
Middle East	59
Producing companies	59
Capacity	60
Salient statistics	61
Production	62
Consumption	62
Price	62
Trade	63
Africa	63
Producing companies	63
Capacity	65
Salient statistics	65
Production	66
Consumption	67
Price	68
Trade	68
Southern Asia	69
Mainland China	69
Producing companies	69
Salient statistics	70
Price	71
Trade	72
Other Eastern Asia	73
South-eastern Asia	73
Oceania	73
Producing companies	73
Salient statistics	73
Production	74
Consumption	74
Price	75
Trade	76
Additional resources	77
Revisions	78

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