

## **United States Fertilizers - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)**

Market Report | 2025-04-28 | 299 pages | Mordor Intelligence

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### **Report description:**

The United States Fertilizers Market size is estimated at 29.93 billion USD in 2025, and is expected to reach 38.08 billion USD by 2030, growing at a CAGR of 4.94% during the forecast period (2025-2030).

Field crops dominated the market owing to their larger cultivation area

- Field crops hold a major share of the US fertilizer market, as they accounted for 87.2% in 2022. The largest crop in the United States in terms of total production is corn, the majority of which grows in a region known as the Corn Belt. The second-largest crop grown in the United States is soybeans. Like corn, farmers primarily grow soybeans in the Midwestern states.
- Horticulture production primarily occurs in 10 states, with California, Florida, and Oregon leading the country in sales. Conventional fertilizers occupied a maximum share of 77.6% in 2022, followed by specialty fertilizers with 22.4%. The higher share of conventional fertilizers is due to the higher adoption of conventional fertilizers by farmers and their lower prices compared to specialty fertilizers.
- Turf and ornamental crops contribute to 10.3% of the US fertilizer market. The increased use of fertilizers in turf and ornamental plants in the United States is a common trend. This trend is often driven by the desire for well-manicured lawns, gardens, and landscapes. The market is expected to register a CAGR of 4.2% from 2023 to 2030.
- Conventional fertilizers occupied a maximum share of 77.8% in 2022. Conventional fertilizers are often more cost-effective than other alternatives, making them a practical choice for large-scale agriculture and commercial landscaping.
- The rising demand for major field crops, the expansion of cultivated areas for fruits and turf, and the government's emphasis on self-sufficiency have led to the development of strategies like greenhouse production of ornamental flowers. This development is expected to significantly contribute to segmental growth, with a projected CAGR of 4.7% between 2023 and 2030.

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## United States Fertilizers Market Trends

The limited farmland indicates the need to enhance agricultural productivity by employing agri-inputs

- In the United States, the population increased from 335.9 million in 2020 to 338.2 million in 2022. From 2000, the total farmland area decreased by almost 50 million acres, reaching a total of 893.4 million acres as of 2022. The limited farmland indicates the need to increase agricultural productivity with the use of agri inputs. Fertilizers have been used for a long time to increase the productivity of crops. The four major crops in the United States are corn, cotton, soybean, and wheat, which account for more than 65.7% of the principal crop acreage in 2022.
- Soybean and corn are the two largest crops grown in the United States. In 2022, soybeans had the highest area under cultivation, accounting for 25.8% of the total arable land in the United States, followed by corn at 25.7% and wheat at 11.1%. The majority of these crops are grown in a region known as the "Corn Belt," which covers western Indiana, Illinois, Iowa, Missouri, eastern Nebraska, and eastern Kansas. The production of corn (maize) and soybeans dominates this area. Additionally, the United States is a major exporter of rice, with most of the cultivation happening in four regions, three of which are in the South and one in California, according to the USDA.
- Manufacturers of farm inputs are developing innovative products to assist farmers with the precise application of fertilizers. This helps farmers reduce the cost of cultivation while increasing efficiency. The country's field crops have immense market potential, and with increased government funding and support, they are expected to drive positive growth in crop cultivation in this area.

Nitrogen deficiency is one of the most prevalent crop nutrient problems across cropping areas in the United States

- The average application rate of primary nutrients (nitrogen, potassium, and phosphorus) in the country's field crops industry stands at approximately 166.61 kg/hectare. Nitrogen constitutes 45.93%, potassium accounts for 28.11%, and phosphorus makes up 25.96% of the total primary nutrient application in field crops.
- In field crops, rapeseed/ canola was applied with an average primary nutrient application rate of 284.92 kg/hectare, which is the highest in field crops. In primary nutrients, nitrogen occupies first place with an average application rate of 229.60 kg/hectare. This is because nitrogen is required in large amounts for plant metabolism, and it is a major component of chlorophyll and amino acids.
- In the United States, corn/maize stands as the second-largest field crop, with an average primary nutrient application rate of 245.40 kg/hectare, followed by rapeseed/canola. Corn production constitutes approximately 31.44% of the country's total field crop output. Specifically, corn requires about 50.06% of nitrogen, 23.77% of phosphorus, and 26.17% of potash, making up the lion's share of the total nutrient application.
- Primary nutrients play a pivotal role in enhancing plant enzyme function, bolstering plant cell growth, and facilitating crucial biochemical processes. Any deficiency in these primary nutrients can significantly impact plant health, stunting growth and hampering crop yields. In response, the application of primary nutrients in field crops is expected to rise, driven by the need to meet escalating productivity demands.

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## United States Fertilizers Industry Overview

The United States Fertilizers Market is moderately consolidated, with the top five companies occupying 57.61%. The major players in this market are CF Industries Holdings, Inc., Nutrien Ltd., The Andersons Inc., The Mosaic Company and Yara International ASA (sorted alphabetically).

### Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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