

United States Micronutrient Fertilizer - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

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Report description:

The United States Micronutrient Fertilizer Market size is estimated at 0.8 billion USD in 2025, and is expected to reach 1.08 billion USD by 2030, growing at a CAGR of 6.15% during the forecast period (2025-2030).

The growing soil deficiency and the need for balanced nutrition is anticipated to drive the growth of the market

- The awareness among farmers regarding soil nutrient deficiencies and their impact on crop health and yields is driving the rising demand for micronutrients in the United States.
- Zinc emerged as the dominant player in the micronutrient fertilizer market, accounting for approximately 27.3% of the total market value in 2022. It is projected to witness a CAGR of 5.2% from 2023 to 2030. Notably, zinc deficiency is prevalent in Washington orchards, maize, and wheat, leading to stunted growth and leaf disorders. Consequently, growers are increasingly turning to zinc fertilizers.
- In most agricultural crops, various environmental and soil factors limit the availability of iron to plants. This scarcity is expected to fuel the growth of the iron fertilizers market, which is projected to register a CAGR of 3.9% from 2023 to 2030.
- Copper is vital for enzymatic activities, chlorophyll synthesis, and seed production in plants. Field crops like wheat, barley, oats, and vegetables are particularly susceptible to copper deficiency. Given that field crops dominate the agricultural landscape in the United States, the market value of copper fertilizers in this segment is anticipated to register a CAGR of 3.7% during 2023-2030.
- Micronutrients play an important role in many plant metabolic activities, such as cell wall formation, pollen formation, germination, chlorophyll production, nitrogen fixation, and synthesis of essential parts of proteins. Even though micronutrient fertilizers are required in less quantity, they are important for balanced crop nutrition. Hence, the micronutrient fertilizer market's value is anticipated to register a CAGR of 4.0% during 2023-2030.

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United States Micronutrient Fertilizer Market Trends

Soybean and corn are the two largest crops grown in the United States

- In the United States, the population increased from 335.9 million in 2020 to 338.2 million in 2022. From 2000 onward, the total farmland area has 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 accounted 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, soybean 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 innovating to aid farmers in precise fertilizer application. This not only trims cultivation costs but also bolsters efficiency. The field crop sector in the United States holds substantial market potential. Coupled with increased government funding and support, it is poised for positive growth.

Micronutrients are pivotal in equipping crops to combat both biotic and abiotic stresses

- Micronutrients are necessary for plant growth and play a critical role in crop nutrition. Micronutrient fertilizers contain trace amounts of elements such as boron, copper, manganese, zinc, and cobalt, which plants require in small amounts. Micronutrient requirements by the crop vary depending on the soil condition across the United States. Boron deficiency is more common in sandy soils of the southeast, which are low in organic matter content and more susceptible to leaching.
- In the United States, the average application rate for micronutrients in field crops stands at 4.2 kg per hectare. Manganese, with an application rate of 11.0 kg per hectare in 2022, is crucial for boosting the productivity of key field crops such as soybean, wheat, sugarcane, and maize. As a result, manganese dominates the micronutrient fertilizer market, accounting for 33.0% of the total consumption in 2022. Following manganese, copper and zinc have application rates of 7.2 and 6.7 kg per hectare, respectively. These micronutrients are pivotal in equipping crops to combat both biotic and abiotic stresses, underscoring the importance of addressing their deficiencies through artificial means.
- In 2022, the field crops segment held the lion's share, contributing 87.6% in value and 87.5% in volume to the overall micronutrient fertilizer market. Among these crops, soybean led the pack with an application rate of 4.5 kg per hectare. The shifting focus toward sustainable methods of farming and the need to maintain micronutrient levels in the soil for the proper growth of crops are expected to drive the US micronutrient fertilizers market's growth during 2023-2030.

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United States Micronutrient Fertilizer Industry Overview

The United States Micronutrient Fertilizer Market is fairly consolidated, with the top five companies occupying 84.13%. The major players in this market are Sociedad Quimica y Minera de Chile SA, The Andersons Inc., The Mosaic Company, Wilbur-Ellis Company LLC 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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