

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

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Report description:

The Russia Micronutrient Fertilizer Market size is estimated at 175.4 million USD in 2025, and is expected to reach 235.8 million USD by 2030, growing at a CAGR of 6.10% during the forecast period (2025-2030).

Zinc micronutrient fertilizer dominated the Russian micronutrient fertilizer market

- Micronutrients actively participate in crucial plant metabolic activities, including cell wall formation, pollen development, germination, chlorophyll synthesis, nitrogen fixation, and protein component synthesis.
- In 2022, copper dominated Russia's micronutrient fertilizer market, constituting approximately 40.5% of the total value. Copper is pivotal in chlorophyll formation and vital for numerous enzymatic processes. Its deficiency significantly hampers crop yield, leading to subpar grain filling and malformed kernels.
- Zinc held the second-largest market share in Russia's micronutrient fertilizer market in 2022, accounting for around 23.5% of the total value. Zinc is a key constituent of plant enzyme systems, facilitating the activation of diverse enzymes and enhancing carbohydrate metabolism.
- Molybdenum, comprising 2.5% of the overall micronutrient market in 2022, is an essential trace element. Unlike most micronutrients, its availability to plants increases with soil pH. Molybdenum is crucial for the production and functioning of the nitrate reductase enzyme.
- In 2022, boron micronutrient fertilizers held the second-largest market share in Russia, accounting for 25.7% in terms of consumption volume. However, in terms of market value, boron micronutrients only commanded 5.2%, primarily due to their relatively lower cost compared to other micronutrients in the country.
- Given their pivotal role in plant metabolism, the micronutrient fertilizers market is poised for growth in the coming years.

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Russia Micronutrient Fertilizer Market Trends

Russia is focusing on increasing field crop production to meet the domestic demand and ensure its food security

- In Russia, field crops dominate the agricultural landscape, covering 96.5% of the total cultivated area. Key field crops in Russia include wheat, corn, soybean, and rye. Notably, the country witnessed a 7% increase in its cultivated area in 2022.
- Wheat takes center stage in Russian agriculture, occupying 45.4% of the field crop area. The primary wheat-growing regions span the North Caucasus, Black Earth, Volga, Ural, and West Siberia. Russia experiences two distinct wheat-growing seasons: winter and spring. Projections for the 2022/23 marketing year indicate a record-breaking wheat production of 92.0 million metric tons (mmt), marking a 22% surge from the previous year and an 18% jump from the 5-year average. This estimate comprises 68.0 mmt of winter wheat and 24.0 mmt of spring wheat. Furthermore, the projected wheat yield stands at an all-time high of 3.17 tons per hectare (t/ha), reflecting a 17% increase from the prior year and a 12% rise from the 5-year average. Turning to corn, Russia anticipates production of 15.8 million metric tons (mmt) in the 2022/23 marketing year, marking a 13% increase from the previous month and a 4% rise from the previous year. The projected corn yield stands at a record 6.00 tons per hectare (t/ha), reflecting a 7% increase from the previous month and a 14% rise from the previous year.
- Russia boasts vast untapped agricultural land and concerted efforts are underway to bring more of it to cultivation. This push to expand arable land amplifies the acreage dedicated to field crops and underscores the Russian government's commitment to bolster agricultural production. The government's initiatives, including subsidies, grants, and favorable lending conditions, serve as catalysts, incentivizing farmers to expand their crop cultivation.

The most consumed micronutrients by field crops in Russia is zinc that accounted for 33.7% in 2022

- Micronutrients play a pivotal role in crop nutrition, being essential for plant growth. Insufficient levels of these micronutrients can impede plant growth. Micronutrient fertilizers, containing trace elements like boron, copper, manganese, zinc, and cobalt, are crucial for plants, albeit in small quantities. In the year 2022, the average application rate of micronutrients in Russian field crops stood at 4.2 kg per hectare.
- Among Russian field crops, wheat, corn, soybean, and rye take the lead. These crops accounted for a significant 95.0% share of micronutrient consumption, totaling 14.4 million metric tons in 2022. On average, wheat, corn, and soybean received nutrient application rates of 4.2 kg/ha, 3.6 kg/ha, and 4.4 kg/ha, respectively.
- Manganese topped the list of most-consumed micronutrients by Russian field crops, with an average application rate of 10.9 kg/hectare in 2022. Copper followed with 7.1 kg/hectare, zinc with 6.7 kg/hectare, and iron with 3.3 kg/hectare. Manganese is crucial for crop functions like photosynthesis and enzyme activation, aiding in the conversion of nitrate, a readily usable form of nitrogen for crops. In the year 2022, rapeseed or canola stood out as the highest manganese-consuming crop, with an application rate of 12.2 kg/hectare.
- The growing emphasis on sustainable farming practices and the imperative to maintain optimal soil micronutrient levels for crop growth are expected to propel the Russian micronutrient fertilizers market in the coming years.

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Russia Micronutrient Fertilizer Industry Overview

The Russia Micronutrient Fertilizer Market is fragmented, with the top five companies occupying 25.85%. The major players in this market are Biolchim SPA, EuroChem Group, ICL Group Ltd, Mivena BV 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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