

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

Market Report | 2025-04-28 | 181 pages | Mordor Intelligence

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### **Report description:**

The Russia Specialty Fertilizer Market size is estimated at 1.09 billion USD in 2025, and is expected to reach 1.54 billion USD by 2030, growing at a CAGR of 7.09% during the forecast period (2025-2030).

The rising adoption of precision farming techniques coupled with need to improve productivity is driving the demand for specialty fertilizers.

- The water-soluble fertilizer market in Russia accounted for USD 453.9 million in 2022. Among the nutrients, nitrogen fertilizers are the most commonly used in the form of water-soluble fertilizers, occupying a share of 36.5% with a market value of USD 165.5 million in 2022 followed by secondary nutrients, with 20.0% share, and phosphatic fertilizers, with a 16.5% share, in the same year. Increased awareness among farmers and agricultural professionals about the benefits of water-soluble fertilizers has contributed to their growth.
- Liquid fertilizers are mostly applied through the foliar method over the fertigation method which occupied the major share of 51.5% and is expected to record a 9.8% CAGR during 2023-2030. Foliar application of liquid fertilizers minimizes these losses as the nutrients are applied directly to the plant's foliage, reducing the chances of nutrient runoff and waste.
- The growth of the CRF market is driven by the many advantages they offer, including controlled nutrient release, enhanced nutrient uptake, reduced environmental impact, and compatibility with modern agricultural practices. As the agriculture sector continues to develop, these fertilizers are likely to play an increasingly important role in optimizing nutrient use. Therefore, the market of these fertilizers is projected to record a 7.3% CAGR during 2023-2030.
- However, factors like the higher price of specialty fertilizers, supply chain disruptions, stringent regulations, and agricultural disruption due to the war in the country and Ukraine impacted the growth of the market during the study period.

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## Russia Specialty Fertilizer Market Trends

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

- In Russia, field crops account for 96.5% of the total area under cultivation. Wheat, corn, soybean, and rye are Russia's most important field crops. The total area under cultivation in Russia increased by 7% in 2022.
- Wheat is a major crop in Russia and accounts for 45.4% of the total area under field crops. The major wheat-growing regions in the country are the North Caucasus, Black Earth, Volga, Ural, and West Siberia. There are two wheat-growing seasons in Russia, namely winter wheat and spring wheat. For the marketing year 2022/23, wheat production in Russia was estimated to reach a record high of 92.0 million metric tons (mmt), which was 22% higher than last year and 18% above the 5-year average. The production estimate includes 68.0 mmt of winter wheat and 24.0 mmt of spring wheat. The total wheat yield is expected to be a record 3.17 tons per hectare (t/ha), which was 17% higher than last year and 12% above the 5-year average.
- Russia's corn production for the marketing year 2022/23 is estimated at 15.8 million metric tons (mmt), up 13% from last month and 4% from last year. The total corn yield is estimated at a record 6.00 tons per hectare (t/ha), up 7% from last month and 14% from last year.
- Russia has vast untapped agricultural land, and there has been a concerted effort to bring more land into cultivation. This expansion of arable land increases the overall acreage dedicated to field crops, and the Russian government has implemented policies to support and incentivize agricultural production. Subsidies, grants, and favorable lending conditions encourage farmers to expand their crop cultivation.

Nitrogen is a prominent nutrient required for field crops, which is most consumed by rapeseed crops in the country

- Primary nutrients include nitrogen, phosphorus, and potassium. Nitrogen and phosphorus primarily serve as components of proteins and nucleic acids, which are significant parts of plant tissues. Potassium typically plays a significant role in the quality of harvested plant products. The average nutrient application of primary nutrients in field crops was 169.6 kg/hectare in 2022. The major field crops grown in Russia are wheat, rapeseed, rye, soybean, and corn. The average nutrient application rate for nitrogen, phosphorus, and potassium in field crops was 227.7 kg/hectare, 125.5 kg/hectare, and 155.6 kg/hectare in 2022.
- Among all the primary nutrients, nitrogen is applied in the highest quantity, i.e., 227.7 kg/hectare on average for field crops. Nitrogenous fertilizers aid in grain quality improvement, faster shoot growth, the production of healthy flower buds, and enhanced flower differentiation when used in the right amounts. Early-stage fertilization of the crop with nitrogen encourages tillering and increases yield. The plant will produce more and heavier grains per panicle with the aid of application at the panicle initiation or early booting stage. Rapeseed consumes large amounts of nitrogen among all the field crops as it increases the oil and protein content. In Russia, rapeseed is mainly used for vegetable oil production.
- The consumption of primary nutrients in Russia accounted for a 91.5% share, with a volume consumption of 7.0 million metric tons in 2022 due to the large area under field crops, i.e., about 90.0%, and the large amounts of primary nutrients required by these crops. Consequently, there is a higher demand for field crops, and a greater emphasis on self-sufficiency to decrease reliance on imports in Russia may drive the market.

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## Russia Specialty Fertilizer Industry Overview

The Russia Specialty Fertilizer Market is fairly consolidated, with the top five companies occupying 65.68%. The major players in this market are Biolchim SPA, EuroChem Group, ICL Group Ltd, KuibyshevAzot PJSC and PhosAgro Group of Companies (sorted alphabetically).

Additional Benefits:

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

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