

Agricultural Grade Zinc Chemicals Market Poised for Significant Growth Amid Rising Demand for High-Yield Crops

USA agricultural growth is driven by precision farming, sustainability, and rising demand for zinc supplements in animal feed for improved productivity.

NEWARK, DE, UNITED STATES, February 11, 2025 /EINPresswire.com/ -- The global [demand for agricultural grade zinc chemicals](#) is set to experience significant growth, surging at a CAGR of 5.4% between 2025 and 2035. This expansion is driven by increasing awareness of zinc's essential role in crop nutrition, improving soil health, and enhancing crop yields. Rising adoption of precision farming and sustainable agricultural practices further fuels market demand, as zinc-based fertilizers help address micronutrient deficiencies in soil.



Agricultural Grade Zinc Chemicals Market

By 2035, the agricultural grade zinc chemicals market is projected to reach a valuation of USD 1,505.7 million, reflecting strong industry momentum. Zinc is an essential micronutrient that plays a crucial role in plant growth, enzyme activation, and protein synthesis. The rising adoption of precision farming, coupled with an expanding global population, is expected to drive demand for zinc-based fertilizers and chemicals in the coming years.

For more information, visit <https://www.futuremarketinsights.com/report-sample#5245502d47422d3134383533>

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1. Increasing Zinc Deficiency in Soils

- Intensive farming practices and excessive use of chemical fertilizers have led to the depletion of essential nutrients in soil, making zinc supplementation a necessity.
- According to FAO estimates, zinc deficiency affects over 50% of agricultural soils worldwide, impacting crop yields and food quality.

2. Growing Demand for High-Yield Crops

- The rising global population has intensified the need for higher crop yields, driving the adoption of zinc-based fertilizers.
- Zinc helps in improving seed germination, root development, and resistance to diseases, contributing to enhanced crop productivity.

3. Government Support and Regulations

- Many governments are encouraging the use of micronutrients through subsidies and awareness campaigns to boost agricultural output.
- Policies aimed at sustainable farming and improved soil management are fostering the growth of the agricultural zinc chemicals market.

4. Advancements in Fertilizer Technology

- Innovations in fertilizer formulations, such as zinc-enriched NPK fertilizers, are gaining traction in the market.
- The development of nano-fertilizers with zinc components is expected to revolutionize the industry by improving nutrient absorption efficiency.

5. Rising Organic and Sustainable Farming Practices

- Organic farmers are increasingly using zinc-based biofertilizers as an alternative to synthetic chemicals.
- Sustainable agricultural practices are pushing demand for eco-friendly and slow-release zinc formulations.



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- Rising soil zinc deficiency is driving demand for zinc-based fertilizers and supplements.

- Growing food demand is pushing farmers to adopt high-yield, nutrient-rich agricultural practices.
- Government policies and subsidies are supporting the adoption of zinc-based agricultural solutions.
- Technological advancements in fertilizers, such as nano-zinc formulations, are transforming the market.
- Key market players are expanding their presence through innovation, partnerships, and strategic acquisitions.

“The increasing awareness of soil health and the pivotal role of micronutrients like zinc in crop productivity are fueling market growth. The shift towards sustainable and precision farming practices, along with advancements in fertilizer technology, presents significant opportunities for industry players. Companies investing in innovative zinc solutions and expanding their global footprint are likely to gain a competitive edge in the coming years.” Says Nikhil Kaitwade, Associate Vice President at Future Market Insights (FMI).

For more information, visit our website: <https://www.futuremarketinsights.com/reports/agricultural-grade-zinc-chemical-market>

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The Agricultural Grade Zinc Chemicals Market is highly competitive, with several key players focusing on product innovation, partnerships, and geographic expansion. Leading companies are investing in research and development to introduce cost-effective and high-performance zinc-based fertilizers.

Key market players include:

- UPL
- Syngenta Crop Protection AG
- IFFCO
- Yara
- Zochem Inc
- EverZinc
- Rubamin
- Bionova
- Sulphur Mills Limited
- Aries Agro Limited

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- Companies are expanding their distribution networks in emerging economies to tap into the growing agricultural sector.
- Collaborations between fertilizer manufacturers and agricultural research institutions to develop more efficient zinc formulations.
- Increasing mergers and acquisitions to strengthen market presence and broaden product portfolios.

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By Type:

In terms of type, the industry is divided into Zinc Oxide, Zinc Sulphate, EDTA Chelated Zinc, Sulphur Zinc Bentonite, Zinc Chloride, and Others.

By Application:

In terms of application, the industry is divided into Animal Feed, Chemical Fertilizer, and Other.

By Region:

Key countries of North America, Latin America, Western Europe, Eastern Europe, East Asia, South Asia, Middle East and Africa (MEA), have been covered in the report.

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