

Agricultural Chelates Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Market Overview:

The global agricultural chelates market size reached US\$ 665.8 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 989.7 Million by 2028, exhibiting a growth rate (CAGR) of 6.58% during 2023-2028.

Agricultural chelates are organic molecules that can trap or encapsulate metal ions like calcium (Ca), magnesium (Mg), iron (Fe), cobalt (Co), europium (Eu), zinc (Zn), and manganese (Mn) and release them slowly for the uptake of nutrients by plants. These chelates can be developed synthetically or occur naturally as products of organic matter decomposition, such as organic and amino acids, lignosulfonates, lignin polycarboxylates, sugar acids and derivatives, phenols, poly flavonoids, siderophores and phyto siderophores. They help increase micronutrient solubility, prevent loss of nutrients through leaching or washout, and reduce the growth of plant pathogens by minimizing the available iron. Besides this, they are cost-effective on account of the lower quantities of chelates required.

Agricultural Chelates Market Trends:

The rising focus on agricultural development around the world represents one of the key factors impelling the growth of the market. Moreover, chelates are easily absorbed by plant roots or leaves as they are organic substances. They aid in removing the positive charge from the micronutrients, thereby allowing the neutral or slightly negatively charged chelates to slide through the pores on the leaf and root surface more rapidly. They are also more easily translocated within the plant and used in numerous crops, such as corn, bush beans, cucumbers, and citrus groves. This, coupled with the

escalating demand for high-value crops, is facilitating the growth of the market. Apart from this, plant nutrients are one of the essential factors required for optimal crop growth and development. As a result, chelated fertilizers are widely being utilized to increase micronutrient utilization efficiency. This, along with the rising global population, is creating a positive outlook for the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global agricultural chelates market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on type, crop type and application.

Breakup by Type:

Synthetic

EDTA

EDDHA

DTPA

IDHA

Others

Organic

Lignosulfonates

Aminoacids

Heptagluconates

Others

Breakup by Crop Type:

Grains and Cereals

Pulses and Oilseeds

Commercial Crops

Fruits and Vegetables

Turf and Ornamentals

Breakup by Application:

Soil

Foliar

Fertigation

Others

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Akzo Nobel N.V., Aries Agro Ltd, BASF SE, Dow Inc., Haifa Negev Technologies Ltd., Mitsubishi Chemical Corporation, Nouryon, Nufarm Limited, Protex International SA, The Andersons Inc., Valagro (Syngenta AG), Van Iperen International B.V. and Yara International ASA.

Key Questions Answered in This Report

1. What was the size of the global agricultural chelates market in 2022?

2. What is the expected growth rate of the global agricultural chelates market during 2023-2028?
3. What are the key factors driving the global agricultural chelates market?
4. What has been the impact of COVID-19 on the global agricultural chelates market?
5. What is the breakup of the global agricultural chelates market based on the type?
6. What is the breakup of the global agricultural chelates market based on the crop type?
7. What is the breakup of the global agricultural chelates market based on application?
8. What are the key regions in the global agricultural chelates market?
9. Who are the key players/companies in the global agricultural chelates market?

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