

Metal Chelates Market: Global Market Estimation, Dynamics, Regional Share, Trends, Competitor Analysis 2012 to 2016 and Forecast 2017 to 2023

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Abstracts

Global Metal Chelates Market

Market Outline: Metal Chelates Market

Metal chelates are the chemical substances, which contain chelating agents with a metal ion. Metal chelates are used as soil additives to provide the micronutrients that are necessary for plant growth. Organic substances such as hydroxamate siderophores are natural chelating agents present in the soil field. However, these natural chelates are insufficient to improve the crop yield. Synthetic chelating agents such as EDTA are most commonly used due to their versatile nature and broad scope of use.

Market Dynamics: Metal Chelates Market

Deterioration of the pH level and soil quality, increase in the demand for better crop yield, change in organic farming practices, increase in awareness about the nutritional requirement for the plant growth, and rise in the usage of metal chelates as micronutrient fertilizers for plants are anticipated to propel the metal markets over the forecast period. However, adverse effects associated with overuse of chelating agents, effect of non-biodegradable metal chelates, and lack awareness about metal chelates in underdeveloped regions are the factors hamper the growth of metal chelates market. Furthermore, creating the awareness about the metal chelates in farmers, and introduction of newer products with minimal side effects expected to present better growth opportunities for market players in the metal chelates market. Moreover, use of chelated nutrients in animal feed is the current trend that drives growth of the market.

Market Scope: Metal Chelates Market

Metal chelates market is segmented on the basis of product type, crop type, and mode of application

Based on the product type, it is segmented into the following:

Micronutrients

Primary nutrients

Secondary nutrients

Others

Based on the crop type, it is segmented into the following:

Fruits and vegetables

Oilseeds and pulses

Cereals and grains

Others

Based on the mode of application, it is segmented into the following:

Foliar

Soil

Fertigation

Others

Market Summary: Metal Chelates Market

Global metal chelates market is growing at a significant CAGR owing to changes in agricultural practices for better yield. Moreover, companies focusing on the research and development for the innovation of newer metal chelate products with reduced adverse effects. For instance, Haifa chemicals developed water-soluble metal chelate fertilizers Haifa Micro which is rapidly dissolved in water. In addition collaborations and product launching by the companies is a key strategies followed by market players to increase the revenue share in market. For instance, in June 2017, Sumitomo Corporation launched Foliar Blend super fertilizer containing micronutrients with chelating agents in collaboration with Roshini Crop Sciences Pvt Ltd.

Regional Analysis: Metal Chelates Market

Geographically, metal chelates market segmented into North America, Europe, Asia Pacific, Latin America, and Middle East & Africa. North America metal chelates market growth is driven by increase in the awareness about soil nutrition, rise in R&D for the innovation of newer products, and changes in agriculture farming practices. Europe metal chelates market accounted for significant share due to increase in the demand for improving the crop yield, rise in awareness about the food safety in consumers, and increase in soil infertility due to rapid industrialization in the region. However, Asia Pacific metal chelates market is an emerging region for metal chelates due to increase in demand for food products coupled with decrease in arable land, increase in demand for metal chelates in Asia Pacific region majorly from China, and advancements in the organic farming practices in the Asian region.

Market Participants: Metal Chelates Market

Some of the players in market are Akzo Nobel N.V. (Netherlands), Haifa Chemicals Limited (Israel), Syngenta AG (Switzerland), The Dow Chemical Company (U.S.), BASF SE (Germany), Syngenta AG (Switzerland), Valagro SPA (Italy), and Sumitomo Corporation (Japan) to name a few.

Notable Market Developments: Metal Chelates Market

In June 2017, AkzoNobel N.V. invested more than €10 Mn in Sweden for the expansion of its chelated micronutrients

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