

Controlled Release Fertilizer Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Market Overview:

The global controlled release fertilizer market size reached US\$ 2.9 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 4.2 Billion by 2028, exhibiting a growth rate (CAGR) of 5.99% during 2023-2028.

Controlled-release fertilizers (CRFs) are granular fertilizers that release nutrients into the soil gradually. They increase the efficiency of nutrient delivery to crops while lowering environmental and health risks, which is useful in agriculture, horticulture, and silviculture. They can also reduce labor costs by eliminating the need to combine and monitor water-soluble fertilizers and limiting the use of expensive injection equipment. Apart from this, they are time-saving and easy to use and offer several other advantages, such as optimal plant development and minimum fertilizer losses.

Controlled Release Fertilizer Market Trends:

Due to the surging food and crop demand, there is a rise in the utilization of CRFs across the globe. This, along with the reducing per capita share of fertile land due to a lack of nutrients in the soil, represents one of the key factors driving the market. Additionally, a significant decrease in the arable land on account of the rising global population is propelling the growth of the market. Moreover, there is an increase in the employment of CRFs to improve soil properties and enhance land productivity. This, coupled with the growing focus of agriculturists and farmers on adopting sustainable agricultural practices due to the shortage of food crops and adverse climatic conditions, is positively influencing the market. Besides this, the escalating demand for CRFs in

turfgrass production to prevent nitrate deficiency that may lead to yellowing of the grass and loss of vigor, is offering lucrative growth opportunities to industry investors. Furthermore, key market players are extensively investing in research and development (R&D) activities to develop advanced technologies like inverse suspension polymerization for the slow release of fertilizers, which is projected to increase their overall sales.

Key Market Segmentation:

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

Breakup by Type:

Condensation Products of Urea and Aldehydes

Urea Formaldehyde (UF)

Isobutylidenediurea

Crotonylidenediurea

Coated and Encapsulated Fertilizers

Sulfur-coated Fertilizers

Polymer-coated Fertilizers

Sulfur-polymer Coated Fertilizers

Others

Others

Breakup by Form:

Granular

Liquid

Powder

Breakup by Application:

Grains and Cereals

Pulses and Oilseeds

Commercial Crops

Fruits and Vegetables

Turf and Ornamentals

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 AGLUKON Spezialduenger GmbH & Co. KG, COMPO Expert GmbH (Grupa Azoty S.A.), DeltaChem GmbH, Haifa Group, ICL Group Ltd., JNC Corporation, Kingenta Ecological Engineering Co. Ltd., Mivena BV, Nufarm, Sociedad Qu?mica y Minera de Chile S.A., The Mosaic Company and Yara International ASA.

Key Questions Answered in This Report:

How has the global controlled release fertilizer market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global controlled release fertilizer market?

What are the key regional markets?

What is the breakup of the market based on the type?

What is the breakup of the market based on the form?

What is the breakup of the market based on the application?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global controlled release fertilizer market and who are the key players?

What is the degree of competition in the industry?

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