

# Global Controlled-Release Fertilizer Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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# **Abstracts**

According to our (Global Info Research) latest study, the global Controlled-Release Fertilizer market size was valued at USD 1497.1 million in 2023 and is forecast to a readjusted size of USD 1837.1 million by 2030 with a CAGR of 3.0% during review period.

Controlled-release fertilizer (CRF) is a granulated fertilizer that releases nutrients gradually into the soil (i.e., with a controlled release period). The slowness of the release is determined by the low solubility of the chemical compounds in the soil moisture. Since conventional fertilizers are soluble in water, the nutrients can disperse quickly as the fertilizer dissolves. Because controlled-release fertilizers are not water-soluble, their nutrients disperse into the soil more slowly. The fertilizer granules may have an insoluble substrate or a semi-permeable jacket that prevents dissolution while allowing nutrients to flow outward.

Global Controlled-Release Fertilizer key players include Agrium, Kingenta Ecological Engineering Group, Israel Chemicals Limited (ICL), Hanfeng Evergreen, Haifa Chemicals, etc. Global top five manufacturers hold a share over 70%.

Americas is the largest market, with a share over 35%, followed by EU and China, both have a share over 50%.

In terms of product, Organic Polymer Coated is the largest segment, with a share over 80%. And in terms of application, the largest application is Gardening, followed by Agriculture, etc.



The Global Info Research report includes an overview of the development of the Controlled-Release Fertilizer industry chain, the market status of Gardening (Organic Polymer Coated, Inorganic Sulfur), Agriculture (Organic Polymer Coated, Inorganic Sulfur), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Controlled-Release Fertilizer.

Regionally, the report analyzes the Controlled-Release Fertilizer markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Controlled-Release Fertilizer market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Controlled-Release Fertilizer market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Controlled-Release Fertilizer industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K MT), revenue generated, and market share of different by Type (e.g., Organic Polymer Coated, Inorganic Sulfur).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Controlled-Release Fertilizer market.

Regional Analysis: The report involves examining the Controlled-Release Fertilizer market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Controlled-Release Fertilizer market. This may include estimating market growth rates, predicting market demand, and identifying emerging



trends.

The report also involves a more granular approach to Controlled-Release Fertilizer:

Company Analysis: Report covers individual Controlled-Release Fertilizer manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Controlled-Release Fertilizer This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Gardening, Agriculture).

Technology Analysis: Report covers specific technologies relevant to Controlled-Release Fertilizer. It assesses the current state, advancements, and potential future developments in Controlled-Release Fertilizer areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Controlled-Release Fertilizer market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

**Market Segmentation** 

Controlled-Release Fertilizer market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Organic Polymer Coated

Inorganic Sulfur

Combined Inorganic and Organic



#### Market segment by Application

Gardening

Agriculture

Others

Major players covered

Nutrien

Israel Chemicals Limited

Haifa Chemicals

Yara International ASA

COMPO

Chisso-asahi Fertilizer

Aglukon Spezialduenger

OCI Agro

Ekompany Agro B.V.

**Central Glass** 

Kingenta Ecological Engineering Group

Hanfeng Evergreen

Shikefeng Chemical



Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Controlled-Release Fertilizer product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Controlled-Release Fertilizer, with price, sales, revenue and global market share of Controlled-Release Fertilizer from 2019 to 2024.

Chapter 3, the Controlled-Release Fertilizer competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Controlled-Release Fertilizer breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023.and Controlled-Release Fertilizer market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.



Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Controlled-Release Fertilizer.

Chapter 14 and 15, to describe Controlled-Release Fertilizer sales channel, distributors, customers, research findings and conclusion.



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