

# Global Circular Phosphorus Recovery Granule Fertilizer Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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## Abstracts

According to our (Global Info Research) latest study, the global Circular Phosphorus Recovery Granule Fertilizer market size was valued at US\$ 319 million in 2025 and is forecast to a readjusted size of US\$ 649 million by 2032 with a CAGR of 10.6% during review period.

Circular phosphorus recovery granule fertilizer refers to nutrient-rich granules produced by reclaiming phosphorus from waste streams to be reused in agriculture. In 2025, global circular phosphorus recovery granule fertilizer production reached approximately 500,016 ton, with an average global market price of around USD 620 per ton. A factory gross profit of USD 161.2 per ton with 26% gross margin. A single line full machine capacity production is around 60,000 ton per line per year. downstream demand is concentrated in agriculture, horticulture and industrial. Palm oil plantation uses recovered phosphorus fertilizer replaces 15-25% of imported phosphate fertilizers, lowering cost and improving soil circularity. China's leading CAGR of 15.9% stems from its massive scale in both waste generation and agricultural demand. The Netherlands' 15.3% growth is driven by the world's most advanced and legally enforceable nutrient management system. Dutch law essentially mandates phosphorus recovery from manure surpluses and wastewater.

This report is a detailed and comprehensive analysis for global Circular Phosphorus Recovery Granule Fertilizer market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with

market share estimates of some of the selected leaders for the year 2025, are provided.

### **Key Features:**

Global Circular Phosphorus Recovery Granule Fertilizer market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Circular Phosphorus Recovery Granule Fertilizer market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Circular Phosphorus Recovery Granule Fertilizer market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Circular Phosphorus Recovery Granule Fertilizer market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2021-2026

### **The Primary Objectives in This Report Are:**

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Circular Phosphorus Recovery Granule Fertilizer
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Circular Phosphorus Recovery Granule Fertilizer market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include OCP, ICL Group, The Mosaic Company, Ostara Nutrient Recovery Technologies, Veolia Environment, Suez Group, Yara International, Kurita Water Industries, Hitachi Zosen Corporation, Mitsubishi Chemical Group, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## **Market Segmentation**

Circular Phosphorus Recovery Granule Fertilizer market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Type

Animal Manure

Food Waster

Wastewater Sludge

Crop Residue

Others

### Market segment by Application Method

Soil Application

Foliar

Fertigation

Seed Coating

Others

### Market segment by recovery Technology

Struvite Based

Ash Based

Bio Based

Others

#### Market segment by Application

Agriculture

Municipal

Landscaping

Horticulture

Others

#### Major players covered

OCP

ICL Group

The Mosaic Company

Ostara Nutrient Recovery Technologies

Veolia Environment

Suez Group

Yara International

Kurita Water Industries

Hitachi Zosen Corporation

Mitsubishi Chemical Group

Sumitomo Chemical

EasyMining

Kemira Oyj

SusPhos B.V.

Kubota Corporation

Nutrient Recovery and Upcycling (NRU) LLC

Gelsenwasser AG

CNP-Technology Water and Biosolids

Multiform Harvest Inc.

Yuntianhua Group

Guizhou Phosphate Chemical Group

Hubei Xinyangfeng Fertilizer Co., Ltd.

Hubei Xingfa Chemicals Group Co., Ltd.

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 Circular Phosphorus Recovery Granule Fertilizer product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Circular Phosphorus Recovery Granule Fertilizer, with price, sales quantity, revenue, and global market share of Circular Phosphorus Recovery Granule Fertilizer from 2021 to 2026.

Chapter 3, the Circular Phosphorus Recovery Granule Fertilizer competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Circular Phosphorus Recovery Granule Fertilizer breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

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 2021 to 2026. and Circular Phosphorus Recovery Granule Fertilizer market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

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 Circular Phosphorus Recovery Granule Fertilizer.

Chapter 14 and 15, to describe Circular Phosphorus Recovery Granule Fertilizer sales

channel, distributors, customers, research findings and conclusion.

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