

# Global Circular Phosphorus Recovery Granule Fertilizer Market Growth 2026-2032

<https://marketpublishers.com/r/G383989B423BEN.html>

Date: May 2026

Pages: 149

Price: US\$ 3,660.00 (Single User License)

ID: G383989B423BEN

## Abstracts

The global Circular Phosphorus Recovery Granule Fertilizer market size is predicted to grow from US\$ 303 million in 2025 to US\$ 640 million in 2032; it is expected to grow at a CAGR of 11.3% from 2026 to 2032.

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.

United States market for Circular Phosphorus Recovery Granule Fertilizer is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Circular Phosphorus Recovery Granule Fertilizer is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Circular Phosphorus Recovery Granule Fertilizer is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Circular Phosphorus Recovery Granule Fertilizer players cover OCP, ICL Group, The Mosaic Company, Ostara Nutrient Recovery Technologies, Veolia Environment, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the "Circular Phosphorus Recovery Granule Fertilizer Industry Forecast" looks at past sales and reviews total world Circular Phosphorus Recovery Granule Fertilizer sales in 2025, providing a comprehensive analysis by region and market sector of projected Circular Phosphorus Recovery Granule Fertilizer sales for 2026 through 2032. With Circular Phosphorus Recovery Granule Fertilizer sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Circular Phosphorus Recovery Granule Fertilizer industry.

This Insight Report provides a comprehensive analysis of the global Circular Phosphorus Recovery Granule Fertilizer landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Circular Phosphorus Recovery Granule Fertilizer portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Circular Phosphorus Recovery Granule Fertilizer market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Circular Phosphorus Recovery Granule Fertilizer and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Circular Phosphorus Recovery Granule Fertilizer.

This report presents a comprehensive overview, market shares, and growth opportunities of Circular Phosphorus Recovery Granule Fertilizer market by product type, application, key manufacturers and key regions and countries.

### Segmentation by Type:

Animal Manure

Food Waster

Wastewater Sludge

Crop Residue

Others

### Segmentation by Application Method:

Soil Application

Foliar

Fertigation

Seed Coating

Others

### Segmentation by recovery Technology:

Struvite Based

Ash Based

Bio Based

Others

### Segmentation by Application:

Agriculture

Municipal

Landscaping

Horticulture

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

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.

## **Key Questions Addressed in this Report**

What is the 10-year outlook for the global Circular Phosphorus Recovery Granule Fertilizer market?

What factors are driving Circular Phosphorus Recovery Granule Fertilizer market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Circular Phosphorus Recovery Granule Fertilizer market opportunities vary by end market size?

How does Circular Phosphorus Recovery Granule Fertilizer break out by Type, by Application?

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

#### 2.1 World Market Overview

- 2.1.1 Global Circular Phosphorus Recovery Granule Fertilizer Annual Sales 2021-2032
- 2.1.2 World Current & Future Analysis for Circular Phosphorus Recovery Granule Fertilizer by Geographic Region, 2021, 2025 & 2032
- 2.1.3 World Current & Future Analysis for Circular Phosphorus Recovery Granule Fertilizer by Country/Region, 2021, 2025 & 2032

#### 2.2 Circular Phosphorus Recovery Granule Fertilizer Segment by Type

- 2.2.1 Animal Manure
- 2.2.2 Food Waster
- 2.2.3 Wastewater Sludge
- 2.2.4 Crop Residue
- 2.2.5 Others
- 2.2.6 Circular Phosphorus Recovery Granule Fertilizer Sales by Type
  - 2.2.6.1 Global Circular Phosphorus Recovery Granule Fertilizer Sales Market Share by Type (2021-2026)
  - 2.2.6.2 Global Circular Phosphorus Recovery Granule Fertilizer Revenue and Market Share by Type (2021-2026)
  - 2.2.6.3 Global Circular Phosphorus Recovery Granule Fertilizer Sale Price by Type (2021-2026)

#### 2.3 Circular Phosphorus Recovery Granule Fertilizer Segment by Application Method

- 2.3.1 Soil Application
- 2.3.2 Foliar
- 2.3.3 Fertigation
- 2.3.4 Seed Coating

### 2.3.5 Others

### 2.3.6 Circular Phosphorus Recovery Granule Fertilizer Sales by Application Method

2.3.6.1 Global Circular Phosphorus Recovery Granule Fertilizer Sales Market Share by Application Method (2021-2026)

2.3.6.2 Global Circular Phosphorus Recovery Granule Fertilizer Revenue and Market Share by Application Method (2021-2026)

2.3.6.3 Global Circular Phosphorus Recovery Granule Fertilizer Sale Price by Application Method (2021-2026)

### 2.4 Circular Phosphorus Recovery Granule Fertilizer Segment by recovery Technology

#### 2.4.1 Struvite Based

#### 2.4.2 Ash Based

#### 2.4.3 Bio Based

#### 2.4.4 Others

### 2.4.5 Circular Phosphorus Recovery Granule Fertilizer Sales by recovery Technology

2.4.5.1 Global Circular Phosphorus Recovery Granule Fertilizer Sales Market Share by recovery Technology (2021-2026)

2.4.5.2 Global Circular Phosphorus Recovery Granule Fertilizer Revenue and Market Share by recovery Technology (2021-2026)

2.4.5.3 Global Circular Phosphorus Recovery Granule Fertilizer Sale Price by recovery Technology (2021-2026)

### 2.5 Circular Phosphorus Recovery Granule Fertilizer Segment by Application

#### 2.5.1 Agriculture

#### 2.5.2 Municipal

#### 2.5.3 Landscaping

#### 2.5.4 Horticulture

#### 2.5.5 Others

### 2.5.6 Circular Phosphorus Recovery Granule Fertilizer Sales by Application

2.5.6.1 Global Circular Phosphorus Recovery Granule Fertilizer Sale Market Share by Application (2021-2026)

2.5.6.2 Global Circular Phosphorus Recovery Granule Fertilizer Revenue and Market Share by Application (2021-2026)

2.5.6.3 Global Circular Phosphorus Recovery Granule Fertilizer Sale Price by Application (2021-2026)

## **3 GLOBAL BY COMPANY**

### 3.1 Global Circular Phosphorus Recovery Granule Fertilizer Breakdown Data by Company

#### 3.1.1 Global Circular Phosphorus Recovery Granule Fertilizer Annual Sales by

Company (2021-2026)

3.1.2 Global Circular Phosphorus Recovery Granule Fertilizer Sales Market Share by Company (2021-2026)

3.2 Global Circular Phosphorus Recovery Granule Fertilizer Annual Revenue by Company (2021-2026)

3.2.1 Global Circular Phosphorus Recovery Granule Fertilizer Revenue by Company (2021-2026)

3.2.2 Global Circular Phosphorus Recovery Granule Fertilizer Revenue Market Share by Company (2021-2026)

3.3 Global Circular Phosphorus Recovery Granule Fertilizer Sale Price by Company

3.4 Key Manufacturers Circular Phosphorus Recovery Granule Fertilizer Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Circular Phosphorus Recovery Granule Fertilizer Product Location Distribution

3.4.2 Players Circular Phosphorus Recovery Granule Fertilizer Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

## **4 WORLD HISTORIC REVIEW FOR CIRCULAR PHOSPHORUS RECOVERY GRANULE FERTILIZER BY GEOGRAPHIC REGION**

4.1 World Historic Circular Phosphorus Recovery Granule Fertilizer Market Size by Geographic Region (2021-2026)

4.1.1 Global Circular Phosphorus Recovery Granule Fertilizer Annual Sales by Geographic Region (2021-2026)

4.1.2 Global Circular Phosphorus Recovery Granule Fertilizer Annual Revenue by Geographic Region (2021-2026)

4.2 World Historic Circular Phosphorus Recovery Granule Fertilizer Market Size by Country/Region (2021-2026)

4.2.1 Global Circular Phosphorus Recovery Granule Fertilizer Annual Sales by Country/Region (2021-2026)

4.2.2 Global Circular Phosphorus Recovery Granule Fertilizer Annual Revenue by Country/Region (2021-2026)

4.3 Americas Circular Phosphorus Recovery Granule Fertilizer Sales Growth

4.4 APAC Circular Phosphorus Recovery Granule Fertilizer Sales Growth

4.5 Europe Circular Phosphorus Recovery Granule Fertilizer Sales Growth

#### 4.6 Middle East & Africa Circular Phosphorus Recovery Granule Fertilizer Sales Growth

### **5 AMERICAS**

#### 5.1 Americas Circular Phosphorus Recovery Granule Fertilizer Sales by Country

5.1.1 Americas Circular Phosphorus Recovery Granule Fertilizer Sales by Country (2021-2026)

5.1.2 Americas Circular Phosphorus Recovery Granule Fertilizer Revenue by Country (2021-2026)

5.2 Americas Circular Phosphorus Recovery Granule Fertilizer Sales by Type (2021-2026)

5.3 Americas Circular Phosphorus Recovery Granule Fertilizer Sales by Application (2021-2026)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

### **6 APAC**

#### 6.1 APAC Circular Phosphorus Recovery Granule Fertilizer Sales by Region

6.1.1 APAC Circular Phosphorus Recovery Granule Fertilizer Sales by Region (2021-2026)

6.1.2 APAC Circular Phosphorus Recovery Granule Fertilizer Revenue by Region (2021-2026)

6.2 APAC Circular Phosphorus Recovery Granule Fertilizer Sales by Type (2021-2026)

6.3 APAC Circular Phosphorus Recovery Granule Fertilizer Sales by Application (2021-2026)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

### **7 EUROPE**

#### 7.1 Europe Circular Phosphorus Recovery Granule Fertilizer by Country

7.1.1 Europe Circular Phosphorus Recovery Granule Fertilizer Sales by Country (2021-2026)

7.1.2 Europe Circular Phosphorus Recovery Granule Fertilizer Revenue by Country (2021-2026)

7.2 Europe Circular Phosphorus Recovery Granule Fertilizer Sales by Type (2021-2026)

7.3 Europe Circular Phosphorus Recovery Granule Fertilizer Sales by Application (2021-2026)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

## **8 MIDDLE EAST & AFRICA**

8.1 Middle East & Africa Circular Phosphorus Recovery Granule Fertilizer by Country

8.1.1 Middle East & Africa Circular Phosphorus Recovery Granule Fertilizer Sales by Country (2021-2026)

8.1.2 Middle East & Africa Circular Phosphorus Recovery Granule Fertilizer Revenue by Country (2021-2026)

8.2 Middle East & Africa Circular Phosphorus Recovery Granule Fertilizer Sales by Type (2021-2026)

8.3 Middle East & Africa Circular Phosphorus Recovery Granule Fertilizer Sales by Application (2021-2026)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Circular Phosphorus Recovery Granule Fertilizer

10.3 Manufacturing Process Analysis of Circular Phosphorus Recovery Granule Fertilizer

10.4 Industry Chain Structure of Circular Phosphorus Recovery Granule Fertilizer

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Circular Phosphorus Recovery Granule Fertilizer Distributors

11.3 Circular Phosphorus Recovery Granule Fertilizer Customer

## **12 WORLD FORECAST REVIEW FOR CIRCULAR PHOSPHORUS RECOVERY GRANULE FERTILIZER BY GEOGRAPHIC REGION**

12.1 Global Circular Phosphorus Recovery Granule Fertilizer Market Size Forecast by Region

12.1.1 Global Circular Phosphorus Recovery Granule Fertilizer Forecast by Region (2027-2032)

12.1.2 Global Circular Phosphorus Recovery Granule Fertilizer Annual Revenue Forecast by Region (2027-2032)

12.2 Americas Forecast by Country (2027-2032)

12.3 APAC Forecast by Region (2027-2032)

12.4 Europe Forecast by Country (2027-2032)

12.5 Middle East & Africa Forecast by Country (2027-2032)

12.6 Global Circular Phosphorus Recovery Granule Fertilizer Forecast by Type (2027-2032)

12.7 Global Circular Phosphorus Recovery Granule Fertilizer Forecast by Application (2027-2032)

## **13 KEY PLAYERS ANALYSIS**

13.1 OCP

13.1.1 OCP Company Information

13.1.2 OCP Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

- 13.1.3 OCP Circular Phosphorus Recovery Granule Fertilizer Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.1.4 OCP Main Business Overview
- 13.1.5 OCP Latest Developments
- 13.2 ICL Group
  - 13.2.1 ICL Group Company Information
  - 13.2.2 ICL Group Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications
  - 13.2.3 ICL Group Circular Phosphorus Recovery Granule Fertilizer Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.2.4 ICL Group Main Business Overview
  - 13.2.5 ICL Group Latest Developments
- 13.3 The Mosaic Company
  - 13.3.1 The Mosaic Company Company Information
  - 13.3.2 The Mosaic Company Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications
  - 13.3.3 The Mosaic Company Circular Phosphorus Recovery Granule Fertilizer Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.3.4 The Mosaic Company Main Business Overview
  - 13.3.5 The Mosaic Company Latest Developments
- 13.4 Ostara Nutrient Recovery Technologies
  - 13.4.1 Ostara Nutrient Recovery Technologies Company Information
  - 13.4.2 Ostara Nutrient Recovery Technologies Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications
  - 13.4.3 Ostara Nutrient Recovery Technologies Circular Phosphorus Recovery Granule Fertilizer Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.4.4 Ostara Nutrient Recovery Technologies Main Business Overview
  - 13.4.5 Ostara Nutrient Recovery Technologies Latest Developments
- 13.5 Veolia Environment
  - 13.5.1 Veolia Environment Company Information
  - 13.5.2 Veolia Environment Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications
  - 13.5.3 Veolia Environment Circular Phosphorus Recovery Granule Fertilizer Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.5.4 Veolia Environment Main Business Overview
  - 13.5.5 Veolia Environment Latest Developments
- 13.6 Suez Group
  - 13.6.1 Suez Group Company Information
  - 13.6.2 Suez Group Circular Phosphorus Recovery Granule Fertilizer Product Portfolios

## and Specifications

13.6.3 Suez Group Circular Phosphorus Recovery Granule Fertilizer Sales, Revenue, Price and Gross Margin (2021-2026)

13.6.4 Suez Group Main Business Overview

13.6.5 Suez Group Latest Developments

## 13.7 Yara International

13.7.1 Yara International Company Information

13.7.2 Yara International Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

13.7.3 Yara International Circular Phosphorus Recovery Granule Fertilizer Sales, Revenue, Price and Gross Margin (2021-2026)

13.7.4 Yara International Main Business Overview

13.7.5 Yara International Latest Developments

## 13.8 Kurita Water Industries

13.8.1 Kurita Water Industries Company Information

13.8.2 Kurita Water Industries Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

13.8.3 Kurita Water Industries Circular Phosphorus Recovery Granule Fertilizer Sales, Revenue, Price and Gross Margin (2021-2026)

13.8.4 Kurita Water Industries Main Business Overview

13.8.5 Kurita Water Industries Latest Developments

## 13.9 Hitachi Zosen Corporation

13.9.1 Hitachi Zosen Corporation Company Information

13.9.2 Hitachi Zosen Corporation Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

13.9.3 Hitachi Zosen Corporation Circular Phosphorus Recovery Granule Fertilizer Sales, Revenue, Price and Gross Margin (2021-2026)

13.9.4 Hitachi Zosen Corporation Main Business Overview

13.9.5 Hitachi Zosen Corporation Latest Developments

## 13.10 Mitsubishi Chemical Group

13.10.1 Mitsubishi Chemical Group Company Information

13.10.2 Mitsubishi Chemical Group Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

13.10.3 Mitsubishi Chemical Group Circular Phosphorus Recovery Granule Fertilizer Sales, Revenue, Price and Gross Margin (2021-2026)

13.10.4 Mitsubishi Chemical Group Main Business Overview

13.10.5 Mitsubishi Chemical Group Latest Developments

## 13.11 Sumitomo Chemical

13.11.1 Sumitomo Chemical Company Information

13.11.2 Sumitomo Chemical Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

13.11.3 Sumitomo Chemical Circular Phosphorus Recovery Granule Fertilizer Sales, Revenue, Price and Gross Margin (2021-2026)

13.11.4 Sumitomo Chemical Main Business Overview

13.11.5 Sumitomo Chemical Latest Developments

13.12 EasyMining

13.12.1 EasyMining Company Information

13.12.2 EasyMining Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

13.12.3 EasyMining Circular Phosphorus Recovery Granule Fertilizer Sales, Revenue, Price and Gross Margin (2021-2026)

13.12.4 EasyMining Main Business Overview

13.12.5 EasyMining Latest Developments

13.13 Kemira Oyj

13.13.1 Kemira Oyj Company Information

13.13.2 Kemira Oyj Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

13.13.3 Kemira Oyj Circular Phosphorus Recovery Granule Fertilizer Sales, Revenue, Price and Gross Margin (2021-2026)

13.13.4 Kemira Oyj Main Business Overview

13.13.5 Kemira Oyj Latest Developments

13.14 SusPhos B.V.

13.14.1 SusPhos B.V. Company Information

13.14.2 SusPhos B.V. Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

13.14.3 SusPhos B.V. Circular Phosphorus Recovery Granule Fertilizer Sales, Revenue, Price and Gross Margin (2021-2026)

13.14.4 SusPhos B.V. Main Business Overview

13.14.5 SusPhos B.V. Latest Developments

13.15 Kubota Corporation

13.15.1 Kubota Corporation Company Information

13.15.2 Kubota Corporation Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

13.15.3 Kubota Corporation Circular Phosphorus Recovery Granule Fertilizer Sales, Revenue, Price and Gross Margin (2021-2026)

13.15.4 Kubota Corporation Main Business Overview

13.15.5 Kubota Corporation Latest Developments

13.16 Nutrient Recovery and Upcycling (NRU) LLC

- 13.16.1 Nutrient Recovery and Upcycling (NRU) LLC Company Information
- 13.16.2 Nutrient Recovery and Upcycling (NRU) LLC Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications
- 13.16.3 Nutrient Recovery and Upcycling (NRU) LLC Circular Phosphorus Recovery Granule Fertilizer Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.16.4 Nutrient Recovery and Upcycling (NRU) LLC Main Business Overview
- 13.16.5 Nutrient Recovery and Upcycling (NRU) LLC Latest Developments
- 13.17 Gelsenwasser AG
  - 13.17.1 Gelsenwasser AG Company Information
  - 13.17.2 Gelsenwasser AG Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications
  - 13.17.3 Gelsenwasser AG Circular Phosphorus Recovery Granule Fertilizer Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.17.4 Gelsenwasser AG Main Business Overview
  - 13.17.5 Gelsenwasser AG Latest Developments
- 13.18 CNP-Technology Water and Biosolids
  - 13.18.1 CNP-Technology Water and Biosolids Company Information
  - 13.18.2 CNP-Technology Water and Biosolids Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications
  - 13.18.3 CNP-Technology Water and Biosolids Circular Phosphorus Recovery Granule Fertilizer Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.18.4 CNP-Technology Water and Biosolids Main Business Overview
  - 13.18.5 CNP-Technology Water and Biosolids Latest Developments
- 13.19 Multiform Harvest Inc.
  - 13.19.1 Multiform Harvest Inc. Company Information
  - 13.19.2 Multiform Harvest Inc. Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications
  - 13.19.3 Multiform Harvest Inc. Circular Phosphorus Recovery Granule Fertilizer Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.19.4 Multiform Harvest Inc. Main Business Overview
  - 13.19.5 Multiform Harvest Inc. Latest Developments
- 13.20 Yuntianhua Group
  - 13.20.1 Yuntianhua Group Company Information
  - 13.20.2 Yuntianhua Group Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications
  - 13.20.3 Yuntianhua Group Circular Phosphorus Recovery Granule Fertilizer Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.20.4 Yuntianhua Group Main Business Overview
  - 13.20.5 Yuntianhua Group Latest Developments

### 13.21 Guizhou Phosphate Chemical Group

13.21.1 Guizhou Phosphate Chemical Group Company Information

13.21.2 Guizhou Phosphate Chemical Group Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

13.21.3 Guizhou Phosphate Chemical Group Circular Phosphorus Recovery Granule Fertilizer Sales, Revenue, Price and Gross Margin (2021-2026)

13.21.4 Guizhou Phosphate Chemical Group Main Business Overview

13.21.5 Guizhou Phosphate Chemical Group Latest Developments

### 13.22 Hubei Xinyangfeng Fertilizer Co., Ltd.

13.22.1 Hubei Xinyangfeng Fertilizer Co., Ltd. Company Information

13.22.2 Hubei Xinyangfeng Fertilizer Co., Ltd. Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

13.22.3 Hubei Xinyangfeng Fertilizer Co., Ltd. Circular Phosphorus Recovery Granule Fertilizer Sales, Revenue, Price and Gross Margin (2021-2026)

13.22.4 Hubei Xinyangfeng Fertilizer Co., Ltd. Main Business Overview

13.22.5 Hubei Xinyangfeng Fertilizer Co., Ltd. Latest Developments

### 13.23 Hubei Xingfa Chemicals Group Co., Ltd.

13.23.1 Hubei Xingfa Chemicals Group Co., Ltd. Company Information

13.23.2 Hubei Xingfa Chemicals Group Co., Ltd. Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

13.23.3 Hubei Xingfa Chemicals Group Co., Ltd. Circular Phosphorus Recovery Granule Fertilizer Sales, Revenue, Price and Gross Margin (2021-2026)

13.23.4 Hubei Xingfa Chemicals Group Co., Ltd. Main Business Overview

13.23.5 Hubei Xingfa Chemicals Group Co., Ltd. Latest Developments

## 14 RESEARCH FINDINGS AND CONCLUSION

## List Of Tables

### LIST OF TABLES

- Table 1. Circular Phosphorus Recovery Granule Fertilizer Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Table 2. Circular Phosphorus Recovery Granule Fertilizer Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)
- Table 3. Major Players of Animal Manure
- Table 4. Major Players of Food Waster
- Table 5. Major Players of Wastewater Sludge
- Table 6. Major Players of Crop Residue
- Table 7. Major Players of Others
- Table 8. Global Circular Phosphorus Recovery Granule Fertilizer Sales by Type (2021-2026) & (Tons)
- Table 9. Global Circular Phosphorus Recovery Granule Fertilizer Sales Market Share by Type (2021-2026)
- Table 10. Global Circular Phosphorus Recovery Granule Fertilizer Revenue by Type (2021-2026) & (\$ million)
- Table 11. Global Circular Phosphorus Recovery Granule Fertilizer Revenue Market Share by Type (2021-2026)
- Table 12. Global Circular Phosphorus Recovery Granule Fertilizer Sale Price by Type (2021-2026) & (US\$/Ton)
- Table 13. Major Players of Soil Application
- Table 14. Major Players of Foliar
- Table 15. Major Players of Fertigation
- Table 16. Major Players of Seed Coating
- Table 17. Major Players of Others
- Table 18. Global Circular Phosphorus Recovery Granule Fertilizer Sales by Application Method (2021-2026) & (Tons)
- Table 19. Global Circular Phosphorus Recovery Granule Fertilizer Sales Market Share by Application Method (2021-2026)
- Table 20. Global Circular Phosphorus Recovery Granule Fertilizer Revenue by Application Method (2021-2026) & (\$ million)
- Table 21. Global Circular Phosphorus Recovery Granule Fertilizer Revenue Market Share by Application Method (2021-2026)
- Table 22. Global Circular Phosphorus Recovery Granule Fertilizer Sale Price by Application Method (2021-2026) & (US\$/Ton)
- Table 23. Major Players of Struvite Based

Table 24. Major Players of Ash Based

Table 25. Major Players of Bio Based

Table 26. Major Players of Others

Table 27. Global Circular Phosphorus Recovery Granule Fertilizer Sales by recovery Technology (2021-2026) & (Tons)

Table 28. Global Circular Phosphorus Recovery Granule Fertilizer Sales Market Share by recovery Technology (2021-2026)

Table 29. Global Circular Phosphorus Recovery Granule Fertilizer Revenue by recovery Technology (2021-2026) & (\$ million)

Table 30. Global Circular Phosphorus Recovery Granule Fertilizer Revenue Market Share by recovery Technology (2021-2026)

Table 31. Global Circular Phosphorus Recovery Granule Fertilizer Sale Price by recovery Technology (2021-2026) & (US\$/Ton)

Table 32. Global Circular Phosphorus Recovery Granule Fertilizer Sale by Application (2021-2026) & (Tons)

Table 33. Global Circular Phosphorus Recovery Granule Fertilizer Sale Market Share by Application (2021-2026)

Table 34. Global Circular Phosphorus Recovery Granule Fertilizer Revenue by Application (2021-2026) & (\$ million)

Table 35. Global Circular Phosphorus Recovery Granule Fertilizer Revenue Market Share by Application (2021-2026)

Table 36. Global Circular Phosphorus Recovery Granule Fertilizer Sale Price by Application (2021-2026) & (US\$/Ton)

Table 37. Global Circular Phosphorus Recovery Granule Fertilizer Sales by Company (2021-2026) & (Tons)

Table 38. Global Circular Phosphorus Recovery Granule Fertilizer Sales Market Share by Company (2021-2026)

Table 39. Global Circular Phosphorus Recovery Granule Fertilizer Revenue by Company (2021-2026) & (\$ millions)

Table 40. Global Circular Phosphorus Recovery Granule Fertilizer Revenue Market Share by Company (2021-2026)

Table 41. Global Circular Phosphorus Recovery Granule Fertilizer Sale Price by Company (2021-2026) & (US\$/Ton)

Table 42. Key Manufacturers Circular Phosphorus Recovery Granule Fertilizer Producing Area Distribution and Sales Area

Table 43. Players Circular Phosphorus Recovery Granule Fertilizer Products Offered

Table 44. Circular Phosphorus Recovery Granule Fertilizer Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 45. New Products and Potential Entrants

Table 46. Market M&A Activity & Strategy

Table 47. Global Circular Phosphorus Recovery Granule Fertilizer Sales by Geographic Region (2021-2026) & (Tons)

Table 48. Global Circular Phosphorus Recovery Granule Fertilizer Sales Market Share Geographic Region (2021-2026)

Table 49. Global Circular Phosphorus Recovery Granule Fertilizer Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 50. Global Circular Phosphorus Recovery Granule Fertilizer Revenue Market Share by Geographic Region (2021-2026)

Table 51. Global Circular Phosphorus Recovery Granule Fertilizer Sales by Country/Region (2021-2026) & (Tons)

Table 52. Global Circular Phosphorus Recovery Granule Fertilizer Sales Market Share by Country/Region (2021-2026)

Table 53. Global Circular Phosphorus Recovery Granule Fertilizer Revenue by Country/Region (2021-2026) & (\$ millions)

Table 54. Global Circular Phosphorus Recovery Granule Fertilizer Revenue Market Share by Country/Region (2021-2026)

Table 55. Americas Circular Phosphorus Recovery Granule Fertilizer Sales by Country (2021-2026) & (Tons)

Table 56. Americas Circular Phosphorus Recovery Granule Fertilizer Sales Market Share by Country (2021-2026)

Table 57. Americas Circular Phosphorus Recovery Granule Fertilizer Revenue by Country (2021-2026) & (\$ millions)

Table 58. Americas Circular Phosphorus Recovery Granule Fertilizer Sales by Type (2021-2026) & (Tons)

Table 59. Americas Circular Phosphorus Recovery Granule Fertilizer Sales by Application (2021-2026) & (Tons)

Table 60. APAC Circular Phosphorus Recovery Granule Fertilizer Sales by Region (2021-2026) & (Tons)

Table 61. APAC Circular Phosphorus Recovery Granule Fertilizer Sales Market Share by Region (2021-2026)

Table 62. APAC Circular Phosphorus Recovery Granule Fertilizer Revenue by Region (2021-2026) & (\$ millions)

Table 63. APAC Circular Phosphorus Recovery Granule Fertilizer Sales by Type (2021-2026) & (Tons)

Table 64. APAC Circular Phosphorus Recovery Granule Fertilizer Sales by Application (2021-2026) & (Tons)

Table 65. Europe Circular Phosphorus Recovery Granule Fertilizer Sales by Country (2021-2026) & (Tons)

Table 66. Europe Circular Phosphorus Recovery Granule Fertilizer Revenue by Country (2021-2026) & (\$ millions)

Table 67. Europe Circular Phosphorus Recovery Granule Fertilizer Sales by Type (2021-2026) & (Tons)

Table 68. Europe Circular Phosphorus Recovery Granule Fertilizer Sales by Application (2021-2026) & (Tons)

Table 69. Middle East & Africa Circular Phosphorus Recovery Granule Fertilizer Sales by Country (2021-2026) & (Tons)

Table 70. Middle East & Africa Circular Phosphorus Recovery Granule Fertilizer Revenue Market Share by Country (2021-2026)

Table 71. Middle East & Africa Circular Phosphorus Recovery Granule Fertilizer Sales by Type (2021-2026) & (Tons)

Table 72. Middle East & Africa Circular Phosphorus Recovery Granule Fertilizer Sales by Application (2021-2026) & (Tons)

Table 73. Key Market Drivers & Growth Opportunities of Circular Phosphorus Recovery Granule Fertilizer

Table 74. Key Market Challenges & Risks of Circular Phosphorus Recovery Granule Fertilizer

Table 75. Key Industry Trends of Circular Phosphorus Recovery Granule Fertilizer

Table 76. Circular Phosphorus Recovery Granule Fertilizer Raw Material

Table 77. Key Suppliers of Raw Materials

Table 78. Circular Phosphorus Recovery Granule Fertilizer Distributors List

Table 79. Circular Phosphorus Recovery Granule Fertilizer Customer List

Table 80. Global Circular Phosphorus Recovery Granule Fertilizer Sales Forecast by Region (2027-2032) & (Tons)

Table 81. Global Circular Phosphorus Recovery Granule Fertilizer Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 82. Americas Circular Phosphorus Recovery Granule Fertilizer Sales Forecast by Country (2027-2032) & (Tons)

Table 83. Americas Circular Phosphorus Recovery Granule Fertilizer Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 84. APAC Circular Phosphorus Recovery Granule Fertilizer Sales Forecast by Region (2027-2032) & (Tons)

Table 85. APAC Circular Phosphorus Recovery Granule Fertilizer Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 86. Europe Circular Phosphorus Recovery Granule Fertilizer Sales Forecast by Country (2027-2032) & (Tons)

Table 87. Europe Circular Phosphorus Recovery Granule Fertilizer Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 88. Middle East & Africa Circular Phosphorus Recovery Granule Fertilizer Sales Forecast by Country (2027-2032) & (Tons)

Table 89. Middle East & Africa Circular Phosphorus Recovery Granule Fertilizer Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 90. Global Circular Phosphorus Recovery Granule Fertilizer Sales Forecast by Type (2027-2032) & (Tons)

Table 91. Global Circular Phosphorus Recovery Granule Fertilizer Revenue Forecast by Type (2027-2032) & (\$ millions)

Table 92. Global Circular Phosphorus Recovery Granule Fertilizer Sales Forecast by Application (2027-2032) & (Tons)

Table 93. Global Circular Phosphorus Recovery Granule Fertilizer Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 94. OCP Basic Information, Circular Phosphorus Recovery Granule Fertilizer Manufacturing Base, Sales Area and Its Competitors

Table 95. OCP Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

Table 96. OCP Circular Phosphorus Recovery Granule Fertilizer Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 97. OCP Main Business

Table 98. OCP Latest Developments

Table 99. ICL Group Basic Information, Circular Phosphorus Recovery Granule Fertilizer Manufacturing Base, Sales Area and Its Competitors

Table 100. ICL Group Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

Table 101. ICL Group Circular Phosphorus Recovery Granule Fertilizer Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 102. ICL Group Main Business

Table 103. ICL Group Latest Developments

Table 104. The Mosaic Company Basic Information, Circular Phosphorus Recovery Granule Fertilizer Manufacturing Base, Sales Area and Its Competitors

Table 105. The Mosaic Company Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

Table 106. The Mosaic Company Circular Phosphorus Recovery Granule Fertilizer Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 107. The Mosaic Company Main Business

Table 108. The Mosaic Company Latest Developments

Table 109. Ostara Nutrient Recovery Technologies Basic Information, Circular Phosphorus Recovery Granule Fertilizer Manufacturing Base, Sales Area and Its Competitors

Table 110. Ostara Nutrient Recovery Technologies Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

Table 111. Ostara Nutrient Recovery Technologies Circular Phosphorus Recovery Granule Fertilizer Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 112. Ostara Nutrient Recovery Technologies Main Business

Table 113. Ostara Nutrient Recovery Technologies Latest Developments

Table 114. Veolia Environment Basic Information, Circular Phosphorus Recovery Granule Fertilizer Manufacturing Base, Sales Area and Its Competitors

Table 115. Veolia Environment Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

Table 116. Veolia Environment Circular Phosphorus Recovery Granule Fertilizer Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 117. Veolia Environment Main Business

Table 118. Veolia Environment Latest Developments

Table 119. Suez Group Basic Information, Circular Phosphorus Recovery Granule Fertilizer Manufacturing Base, Sales Area and Its Competitors

Table 120. Suez Group Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

Table 121. Suez Group Circular Phosphorus Recovery Granule Fertilizer Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 122. Suez Group Main Business

Table 123. Suez Group Latest Developments

Table 124. Yara International Basic Information, Circular Phosphorus Recovery Granule Fertilizer Manufacturing Base, Sales Area and Its Competitors

Table 125. Yara International Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

Table 126. Yara International Circular Phosphorus Recovery Granule Fertilizer Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 127. Yara International Main Business

Table 128. Yara International Latest Developments

Table 129. Kurita Water Industries Basic Information, Circular Phosphorus Recovery Granule Fertilizer Manufacturing Base, Sales Area and Its Competitors

Table 130. Kurita Water Industries Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

Table 131. Kurita Water Industries Circular Phosphorus Recovery Granule Fertilizer Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 132. Kurita Water Industries Main Business

Table 133. Kurita Water Industries Latest Developments

Table 134. Hitachi Zosen Corporation Basic Information, Circular Phosphorus Recovery Granule Fertilizer Manufacturing Base, Sales Area and Its Competitors

Table 135. Hitachi Zosen Corporation Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

Table 136. Hitachi Zosen Corporation Circular Phosphorus Recovery Granule Fertilizer Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 137. Hitachi Zosen Corporation Main Business

Table 138. Hitachi Zosen Corporation Latest Developments

Table 139. Mitsubishi Chemical Group Basic Information, Circular Phosphorus Recovery Granule Fertilizer Manufacturing Base, Sales Area and Its Competitors

Table 140. Mitsubishi Chemical Group Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

Table 141. Mitsubishi Chemical Group Circular Phosphorus Recovery Granule Fertilizer Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 142. Mitsubishi Chemical Group Main Business

Table 143. Mitsubishi Chemical Group Latest Developments

Table 144. Sumitomo Chemical Basic Information, Circular Phosphorus Recovery Granule Fertilizer Manufacturing Base, Sales Area and Its Competitors

Table 145. Sumitomo Chemical Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

Table 146. Sumitomo Chemical Circular Phosphorus Recovery Granule Fertilizer Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 147. Sumitomo Chemical Main Business

Table 148. Sumitomo Chemical Latest Developments

Table 149. EasyMining Basic Information, Circular Phosphorus Recovery Granule Fertilizer Manufacturing Base, Sales Area and Its Competitors

Table 150. EasyMining Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

Table 151. EasyMining Circular Phosphorus Recovery Granule Fertilizer Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 152. EasyMining Main Business

Table 153. EasyMining Latest Developments

Table 154. Kemira Oyj Basic Information, Circular Phosphorus Recovery Granule Fertilizer Manufacturing Base, Sales Area and Its Competitors

Table 155. Kemira Oyj Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

Table 156. Kemira Oyj Circular Phosphorus Recovery Granule Fertilizer Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 157. Kemira Oyj Main Business

Table 158. Kemira Oyj Latest Developments

Table 159. SusPhos B.V. Basic Information, Circular Phosphorus Recovery Granule Fertilizer Manufacturing Base, Sales Area and Its Competitors

Table 160. SusPhos B.V. Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

Table 161. SusPhos B.V. Circular Phosphorus Recovery Granule Fertilizer Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 162. SusPhos B.V. Main Business

Table 163. SusPhos B.V. Latest Developments

Table 164. Kubota Corporation Basic Information, Circular Phosphorus Recovery Granule Fertilizer Manufacturing Base, Sales Area and Its Competitors

Table 165. Kubota Corporation Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

Table 166. Kubota Corporation Circular Phosphorus Recovery Granule Fertilizer Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 167. Kubota Corporation Main Business

Table 168. Kubota Corporation Latest Developments

Table 169. Nutrient Recovery and Upcycling (NRU) LLC Basic Information, Circular Phosphorus Recovery Granule Fertilizer Manufacturing Base, Sales Area and Its Competitors

Table 170. Nutrient Recovery and Upcycling (NRU) LLC Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

Table 171. Nutrient Recovery and Upcycling (NRU) LLC Circular Phosphorus Recovery Granule Fertilizer Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 172. Nutrient Recovery and Upcycling (NRU) LLC Main Business

Table 173. Nutrient Recovery and Upcycling (NRU) LLC Latest Developments

Table 174. Gelsenwasser AG Basic Information, Circular Phosphorus Recovery Granule Fertilizer Manufacturing Base, Sales Area and Its Competitors

Table 175. Gelsenwasser AG Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

Table 176. Gelsenwasser AG Circular Phosphorus Recovery Granule Fertilizer Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 177. Gelsenwasser AG Main Business

Table 178. Gelsenwasser AG Latest Developments

Table 179. CNP-Technology Water and Biosolids Basic Information, Circular Phosphorus Recovery Granule Fertilizer Manufacturing Base, Sales Area and Its Competitors

Table 180. CNP-Technology Water and Biosolids Circular Phosphorus Recovery

## Granule Fertilizer Product Portfolios and Specifications

Table 181. CNP-Technology Water and Biosolids Circular Phosphorus Recovery Granule Fertilizer Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 182. CNP-Technology Water and Biosolids Main Business

Table 183. CNP-Technology Water and Biosolids Latest Developments

Table 184. Multiform Harvest Inc. Basic Information, Circular Phosphorus Recovery Granule Fertilizer Manufacturing Base, Sales Area and Its Competitors

Table 185. Multiform Harvest Inc. Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

Table 186. Multiform Harvest Inc. Circular Phosphorus Recovery Granule Fertilizer Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 187. Multiform Harvest Inc. Main Business

Table 188. Multiform Harvest Inc. Latest Developments

Table 189. Yuntianhua Group Basic Information, Circular Phosphorus Recovery Granule Fertilizer Manufacturing Base, Sales Area and Its Competitors

Table 190. Yuntianhua Group Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

Table 191. Yuntianhua Group Circular Phosphorus Recovery Granule Fertilizer Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 192. Yuntianhua Group Main Business

Table 193. Yuntianhua Group Latest Developments

Table 194. Guizhou Phosphate Chemical Group Basic Information, Circular Phosphorus Recovery Granule Fertilizer Manufacturing Base, Sales Area and Its Competitors

Table 195. Guizhou Phosphate Chemical Group Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

Table 196. Guizhou Phosphate Chemical Group Circular Phosphorus Recovery Granule Fertilizer Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 197. Guizhou Phosphate Chemical Group Main Business

Table 198. Guizhou Phosphate Chemical Group Latest Developments

Table 199. Hubei Xinyangfeng Fertilizer Co., Ltd. Basic Information, Circular Phosphorus Recovery Granule Fertilizer Manufacturing Base, Sales Area and Its Competitors

Table 200. Hubei Xinyangfeng Fertilizer Co., Ltd. Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

Table 201. Hubei Xinyangfeng Fertilizer Co., Ltd. Circular Phosphorus Recovery Granule Fertilizer Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 202. Hubei Xinyangfeng Fertilizer Co., Ltd. Main Business

Table 203. Hubei Xinyangfeng Fertilizer Co., Ltd. Latest Developments

Table 204. Hubei Xingfa Chemicals Group Co., Ltd. Basic Information, Circular Phosphorus Recovery Granule Fertilizer Manufacturing Base, Sales Area and Its Competitors

Table 205. Hubei Xingfa Chemicals Group Co., Ltd. Circular Phosphorus Recovery Granule Fertilizer Product Portfolios and Specifications

Table 206. Hubei Xingfa Chemicals Group Co., Ltd. Circular Phosphorus Recovery Granule Fertilizer Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 207. Hubei Xingfa Chemicals Group Co., Ltd. Main Business

Table 208. Hubei Xingfa Chemicals Group Co., Ltd. Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Circular Phosphorus Recovery Granule Fertilizer
- Figure 2. Circular Phosphorus Recovery Granule Fertilizer Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Circular Phosphorus Recovery Granule Fertilizer Sales Growth Rate 2021-2032 (Tons)
- Figure 7. Global Circular Phosphorus Recovery Granule Fertilizer Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Circular Phosphorus Recovery Granule Fertilizer Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Circular Phosphorus Recovery Granule Fertilizer Sales Market Share by Country/Region (2025)
- Figure 10. Circular Phosphorus Recovery Granule Fertilizer Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Animal Manure
- Figure 12. Product Picture of Food Waster
- Figure 13. Product Picture of Wastewater Sludge
- Figure 14. Product Picture of Crop Residue
- Figure 15. Product Picture of Others
- Figure 16. Global Circular Phosphorus Recovery Granule Fertilizer Sales Market Share by Type in 2026
- Figure 17. Global Circular Phosphorus Recovery Granule Fertilizer Revenue Market Share by Type (2021-2026)
- Figure 18. Product Picture of Soil Application
- Figure 19. Product Picture of Foliar
- Figure 20. Product Picture of Fertigation
- Figure 21. Product Picture of Seed Coating
- Figure 22. Product Picture of Others
- Figure 23. Global Circular Phosphorus Recovery Granule Fertilizer Sales Market Share by Application Method in 2026
- Figure 24. Global Circular Phosphorus Recovery Granule Fertilizer Revenue Market Share by Application Method (2021-2026)
- Figure 25. Product Picture of Struvite Based
- Figure 26. Product Picture of Ash Based

Figure 27. Product Picture of Bio Based

Figure 28. Product Picture of Others

Figure 29. Global Circular Phosphorus Recovery Granule Fertilizer Sales Market Share by recovery Technology in 2026

Figure 30. Global Circular Phosphorus Recovery Granule Fertilizer Revenue Market Share by recovery Technology (2021-2026)

Figure 31. Circular Phosphorus Recovery Granule Fertilizer Consumed in Agriculture

Figure 32. Global Circular Phosphorus Recovery Granule Fertilizer Market: Agriculture (2021-2026) & (Tons)

Figure 33. Circular Phosphorus Recovery Granule Fertilizer Consumed in Municipal

Figure 34. Global Circular Phosphorus Recovery Granule Fertilizer Market: Municipal (2021-2026) & (Tons)

Figure 35. Circular Phosphorus Recovery Granule Fertilizer Consumed in Landscaping

Figure 36. Global Circular Phosphorus Recovery Granule Fertilizer Market: Landscaping (2021-2026) & (Tons)

Figure 37. Circular Phosphorus Recovery Granule Fertilizer Consumed in Horticulture

Figure 38. Global Circular Phosphorus Recovery Granule Fertilizer Market: Horticulture (2021-2026) & (Tons)

Figure 39. Circular Phosphorus Recovery Granule Fertilizer Consumed in Others

Figure 40. Global Circular Phosphorus Recovery Granule Fertilizer Market: Others (2021-2026) & (Tons)

Figure 41. Global Circular Phosphorus Recovery Granule Fertilizer Sale Market Share by Application (2025)

Figure 42. Global Circular Phosphorus Recovery Granule Fertilizer Revenue Market Share by Application in 2025

Figure 43. Circular Phosphorus Recovery Granule Fertilizer Sales by Company in 2025 (Tons)

Figure 44. Global Circular Phosphorus Recovery Granule Fertilizer Sales Market Share by Company in 2025

Figure 45. Circular Phosphorus Recovery Granule Fertilizer Revenue by Company in 2025 (\$ millions)

Figure 46. Global Circular Phosphorus Recovery Granule Fertilizer Revenue Market Share by Company in 2025

Figure 47. Global Circular Phosphorus Recovery Granule Fertilizer Sales Market Share by Geographic Region (2021-2026)

Figure 48. Global Circular Phosphorus Recovery Granule Fertilizer Revenue Market Share by Geographic Region in 2025

Figure 49. Americas Circular Phosphorus Recovery Granule Fertilizer Sales 2021-2026 (Tons)

Figure 50. Americas Circular Phosphorus Recovery Granule Fertilizer Revenue 2021-2026 (\$ millions)

Figure 51. APAC Circular Phosphorus Recovery Granule Fertilizer Sales 2021-2026 (Tons)

Figure 52. APAC Circular Phosphorus Recovery Granule Fertilizer Revenue 2021-2026 (\$ millions)

Figure 53. Europe Circular Phosphorus Recovery Granule Fertilizer Sales 2021-2026 (Tons)

Figure 54. Europe Circular Phosphorus Recovery Granule Fertilizer Revenue 2021-2026 (\$ millions)

Figure 55. Middle East & Africa Circular Phosphorus Recovery Granule Fertilizer Sales 2021-2026 (Tons)

Figure 56. Middle East & Africa Circular Phosphorus Recovery Granule Fertilizer Revenue 2021-2026 (\$ millions)

Figure 57. Americas Circular Phosphorus Recovery Granule Fertilizer Sales Market Share by Country in 2025

Figure 58. Americas Circular Phosphorus Recovery Granule Fertilizer Revenue Market Share by Country (2021-2026)

Figure 59. Americas Circular Phosphorus Recovery Granule Fertilizer Sales Market Share by Type (2021-2026)

Figure 60. Americas Circular Phosphorus Recovery Granule Fertilizer Sales Market Share by Application (2021-2026)

Figure 61. United States Circular Phosphorus Recovery Granule Fertilizer Revenue Growth 2021-2026 (\$ millions)

Figure 62. Canada Circular Phosphorus Recovery Granule Fertilizer Revenue Growth 2021-2026 (\$ millions)

Figure 63. Mexico Circular Phosphorus Recovery Granule Fertilizer Revenue Growth 2021-2026 (\$ millions)

Figure 64. Brazil Circular Phosphorus Recovery Granule Fertilizer Revenue Growth 2021-2026 (\$ millions)

Figure 65. APAC Circular Phosphorus Recovery Granule Fertilizer Sales Market Share by Region in 2025

Figure 66. APAC Circular Phosphorus Recovery Granule Fertilizer Revenue Market Share by Region (2021-2026)

Figure 67. APAC Circular Phosphorus Recovery Granule Fertilizer Sales Market Share by Type (2021-2026)

Figure 68. APAC Circular Phosphorus Recovery Granule Fertilizer Sales Market Share by Application (2021-2026)

Figure 69. China Circular Phosphorus Recovery Granule Fertilizer Revenue Growth

2021-2026 (\$ millions)

Figure 70. Japan Circular Phosphorus Recovery Granule Fertilizer Revenue Growth 2021-2026 (\$ millions)

Figure 71. South Korea Circular Phosphorus Recovery Granule Fertilizer Revenue Growth 2021-2026 (\$ millions)

Figure 72. Southeast Asia Circular Phosphorus Recovery Granule Fertilizer Revenue Growth 2021-2026 (\$ millions)

Figure 73. India Circular Phosphorus Recovery Granule Fertilizer Revenue Growth 2021-2026 (\$ millions)

Figure 74. Australia Circular Phosphorus Recovery Granule Fertilizer Revenue Growth 2021-2026 (\$ millions)

Figure 75. China Taiwan Circular Phosphorus Recovery Granule Fertilizer Revenue Growth 2021-2026 (\$ millions)

Figure 76. Europe Circular Phosphorus Recovery Granule Fertilizer Sales Market Share by Country in 2025

Figure 77. Europe Circular Phosphorus Recovery Granule Fertilizer Revenue Market Share by Country (2021-2026)

Figure 78. Europe Circular Phosphorus Recovery Granule Fertilizer Sales Market Share by Type (2021-2026)

Figure 79. Europe Circular Phosphorus Recovery Granule Fertilizer Sales Market Share by Application (2021-2026)

Figure 80. Germany Circular Phosphorus Recovery Granule Fertilizer Revenue Growth 2021-2026 (\$ millions)

Figure 81. France Circular Phosphorus Recovery Granule Fertilizer Revenue Growth 2021-2026 (\$ millions)

Figure 82. UK Circular Phosphorus Recovery Granule Fertilizer Revenue Growth 2021-2026 (\$ millions)

Figure 83. Italy Circular Phosphorus Recovery Granule Fertilizer Revenue Growth 2021-2026 (\$ millions)

Figure 84. Russia Circular Phosphorus Recovery Granule Fertilizer Revenue Growth 2021-2026 (\$ millions)

Figure 85. Middle East & Africa Circular Phosphorus Recovery Granule Fertilizer Sales Market Share by Country (2021-2026)

Figure 86. Middle East & Africa Circular Phosphorus Recovery Granule Fertilizer Sales Market Share by Type (2021-2026)

Figure 87. Middle East & Africa Circular Phosphorus Recovery Granule Fertilizer Sales Market Share by Application (2021-2026)

Figure 88. Egypt Circular Phosphorus Recovery Granule Fertilizer Revenue Growth 2021-2026 (\$ millions)

Figure 89. South Africa Circular Phosphorus Recovery Granule Fertilizer Revenue Growth 2021-2026 (\$ millions)

Figure 90. Israel Circular Phosphorus Recovery Granule Fertilizer Revenue Growth 2021-2026 (\$ millions)

Figure 91. Turkey Circular Phosphorus Recovery Granule Fertilizer Revenue Growth 2021-2026 (\$ millions)

Figure 92. GCC Countries Circular Phosphorus Recovery Granule Fertilizer Revenue Growth 2021-2026 (\$ millions)

Figure 93. Manufacturing Cost Structure Analysis of Circular Phosphorus Recovery Granule Fertilizer in 2026

Figure 94. Manufacturing Process Analysis of Circular Phosphorus Recovery Granule Fertilizer

Figure 95. Industry Chain Structure of Circular Phosphorus Recovery Granule Fertilizer

Figure 96. Channels of Distribution

Figure 97. Global Circular Phosphorus Recovery Granule Fertilizer Sales Market Forecast by Region (2027-2032)

Figure 98. Global Circular Phosphorus Recovery Granule Fertilizer Revenue Market Share Forecast by Region (2027-2032)

Figure 99. Global Circular Phosphorus Recovery Granule Fertilizer Sales Market Share Forecast by Type (2027-2032)

Figure 100. Global Circular Phosphorus Recovery Granule Fertilizer Revenue Market Share Forecast by Type (2027-2032)

Figure 101. Global Circular Phosphorus Recovery Granule Fertilizer Sales Market Share Forecast by Application (2027-2032)

Figure 102. Global Circular Phosphorus Recovery Granule Fertilizer Revenue Market Share Forecast by Application (2027-2032)

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