

India Controlled Release Fertilizer - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2016 - 2030

Market Report | 2024-02-17 | 90 pages | Mordor Intelligence

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Report description:

The India Controlled Release Fertilizer Market size is estimated at USD 44.87 million in 2024, and is expected to reach USD 68.60 million by 2030, growing at a CAGR of 7.33% during the forecast period (2024-2030).

Key Highlights

- Largest Segment by Type - Straight : Complex controlled release fertilizers can provide multiple nutrients at a constant rate to the crops, that it does not loose nutrients due to leaching or volatilization.
- Largest Segment by Coating Type - Polymer Coated : The polymer coated fertilizers release the nutrients for longer duration and decrease the leaching losses of fertilizers in the soil and also reduce the application rate.
- Largest Segment by Crop Type - Field Crops : The domination of field crops in Fertilizers market is mainly due to its large cultivation area in the country. They account for more than 95% of total crop area.

India Controlled Release Fertilizer Market Trends

Polymer Coated is the largest segment by Coating Type.

- Controlled-release fertilizer is an innovative technique that extends nutrient release time by 3, 6, 12 or even 15 months.
- The controlled-release fertilizer market in the country has shown an increase in market value by 90.0%, whereas consumption volume increased notably by 52.9% during the study period. The main reason for this is the Government of India making it

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mandatory for all domestic producers of urea to produce 100% neem-coated urea and distribute it at a subsidized price to the farmers.

- Field crops dominated the Indian controlled-release fertilizers market, with consumption volume accounting for 81.5% of the market, followed by horticultural crops at 17.9% in 2021 because field crops occupy 95.0% of the cultivated area. Major field crops of India include rice, wheat, millet, maize, pulses, sugarcane, and oilseeds.

- Controlled-release urea is the most used form of CRF in India. Nitrogen loss is one of the main problems faced by rice farmers, and the efficiency of nitrogen utilization in rice is often inadequate due to the large loss of nitrogen caused by volatilization, leaching, and denitrification. One way to improve nitrogen efficiency is to use controlled-release urea. Controlled-release urea generally outperformed granular urea fertilizers in reducing nitrogen loss, stimulating plant growth, and increasing nitrogen concentration.

- Growing concerns regarding health have pushed people to take health-related problems seriously. Increasing inclination toward environmental pollution along with no leaching property of CRF is positively influencing the controlled-release fertilizers industry in the country.

India Controlled Release Fertilizer Industry Overview

The India Controlled Release Fertilizer Market is moderately consolidated, with the top five companies occupying 56.36%. The major players in this market are Compo Expert, Florikan (distributed by Arysta LifeScience), Hebei Sanyuanjiuqi Fertilizer Co., Ltd., ICL and National Fertilizers Limited (sorted alphabetically).

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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