

## **India Rice Seed - 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 Rice Seed Market size is estimated at USD 341.86 million in 2024, and is expected to reach USD 470.39 million by 2030, growing at a CAGR of 5.46% during the forecast period (2024-2030).

#### Key Highlights

- Open Pollinated Varieties & Hybrid Derivatives is the Largest Breeding Technology: Open-pollinated varieties require fewer inputs, such as fertilizer and pesticides, and are less expensive than hybrid seeds and more affordable for low-income farmers.
- Open Pollinated Varieties & Hybrid Derivatives is the Fastest-growing Breeding Technology: OPVs is the fastest growing breeding technology segment because it is cost-effective, and growers can save these seeds in current season and use them in the next crop season.

#### India Rice Seed Market Trends

Open Pollinated Varieties & Hybrid Derivatives is the largest Breeding Technology

- In India, open-pollinated varieties and hybrid derivatives are more popular than hybrids in rice cultivation. Farmers are adopting and using more hybrids of rice seeds due to the pest-resistant properties of these seeds and reduced crop loss.
- In 2021, the area under the commercial cultivation of rice in the country was 7.7 million ha, an increase of 10.2% from 2016 due to the increasing usage of commercial seeds for high yield and product quality.
- Out of the total area under commercial seeds in India, hybrids alone account for 65%, whereas OPVs account for 35%.??

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- The decreasing per capita availability of arable land (0.12 ha) is a driver for the rice seed industry in India. High-yield varieties and hybrids can help in increasing the production from the decreasing per capita arable land to get higher returns.
- The major breeding techniques in plant breeding include a selection of plants based on natural variants, hybridization, and selection of specific genes or marker profiles using molecular tools. The main objective of these techniques is the selection of better plant types among variants in terms of yield, quality, pest resistance, etc.??
- In a growing seed market like India, which has a ban on GM food crops, there is more reliance on non-transgenic hybrid seeds to recover from lagging farm productivity and meet the production demand.???
- The usage of non-transgenic hybrids and improved OPVs has provided advantages such as yield improvement, higher prices, and availability of seeds at an affordable price. These factors may drive the Indian rice seed market at a CAGR of 5.5% during the forecast period.

## India Rice Seed Industry Overview

The India Rice Seed Market is fragmented, with the top five companies occupying 18.03%. The major players in this market are Advanta Seeds - UPL, Bayer AG, Kaveri Seeds, Nuziveedu Seeds Ltd and Syngenta Group (sorted alphabetically).

### Additional Benefits:

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

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