

## **India Seed - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2016 - 2030**

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### **Report description:**

The India Seed Market size is estimated at USD 3.61 billion in 2024, and is expected to reach USD 5.01 billion by 2030, growing at a CAGR of 5.61% during the forecast period (2024-2030).

#### Key Highlights

- Largest Segment by Crop Family - Grains & Cereals : Grains and cereals is the largest segment due to India being the leading producer of grains, rice is a staple food for South India, and wheat is most consumed in North India.
- Largest Segment by Breeding Technology - Hybrids : There is an increase in the demand for hybrid seeds due to higher productivity, wider adaptability, and a high degree of resistance to biotic and abiotic stresses.
- Fastest-growing Segment by Crop Family - Roots & Bulbs : India is the leading producer of garlic, onion, and potatoes. The true seeds for garlic and potatoes were introduced leading the segment to be the fastest growing.
- Fastest-growing Segment by Breeding Technology - Open Pollinated Varieties & Hybrid Derivatives : 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.

#### India Seed Market Trends

Hybrids is the largest Breeding Technology

- In India, hybrids dominated over open-pollinated varieties, with a difference of 13.1% in the Indian seed market value in 2021.

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Farmers are adopting and using more hybrid seeds, considering the pest-resistant properties of these seeds and reducing the losses and cost of production.?

- The per capita availability of arable land decreased to 0.12 ha in 2018, which is considered a driver for India's seed industry.
- In 2021, hybrid seed usage increased in the country as an increase in the adoption of transgenic cotton hybrids (62.8%), single-cross corn hybrids (68.6%), soybean (68.4), and hybrid vegetables (75.1%). This increased demand for hybrid seeds has boosted the market for commercial seeds. This trend has encouraged farmers to shift their focus from conventional seed sources to packaged seeds that promise better yields.?
- In commercial seed cultivation areas in 2021, hybrids alone account for 65% area, whereas OPVs account for 35% area in India.?  
Therefore, the seed market is expected to increase as hybrid usage increases in the forecast period.
- 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.?
- The scenario post-adoption of hybrids and improved OPVs has resulted in many advantages, such as yield improvement, ensuring higher prices, and availability of seeds at an affordable price. These factors will drive the growth of the Indian seed market in the forecast period.

## India Seed Industry Overview

The India Seed Market is fragmented, with the top five companies occupying 32.19%. The major players in this market are Advanta Seeds - UPL, Bayer AG, Corteva Agriscience, Kaveri Seeds and Syngenta Group (sorted alphabetically).

### Additional Benefits:

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

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