

# Seed Industry in India Report by Crop Type (Wheat, Paddy, Vegetables, Cotton, Maize, Groundnut, Soybean, and Others), and Region 2024-2032

<https://marketpublishers.com/r/S4B7414BD19DEN.html>

Date: April 2024

Pages: 117

Price: US\$ 2,699.00 (Single User License)

ID: S4B7414BD19DEN

## Abstracts

The seed industry in India size reached US\$ 7.0 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 18.3 Billion by 2032, exhibiting a growth rate (CAGR) of 10.9% during 2024-2032.

Seeds are small embryonic plants enclosed in a protective cover with a food reserve. They are found inside fruits and develop into new plants when grown under optimum environmental conditions. They consist of undeveloped miniature plants, endosperm, and seed coats and are formed from the fertilization of an ovule after pollination. They are good sources of fiber, healthy monounsaturated fats, polyunsaturated fats, vitamins, minerals, and antioxidants. Their regular consumption help reduce blood sugar, cholesterol, and blood pressure. They are consequently utilized for growing fruits, vegetables, cereals, and lentils and obtaining oils for cooking, margarine production, lubrication, cooking, and painting. At present, seeds are available in varied colors, shapes, sizes, weights, and specific gravity across India.

### Seed Industry in India Market Trends:

The growing population and the availability of rich arable lands and various agro-climatic zones in India represent one of the key factors positively influencing the market. In addition, the commercialization of agriculture and the active collaboration of private and public sectors are propelling the growth of the seed industry in the country. Apart from this, leading seed breeders are increasingly introducing advanced digital technologies to help farmers overcome the negative impacts of pests, climate, and other environmental factors. This, in turn, is contributing to the market growth. Additionally, the integration of data science, artificial intelligence (AI) tools, advanced phenomics, and genomics in the agricultural sector is offering a favorable market outlook. Along with

this, various opportunities provided by the Government of India (GoI) to encourage farmers and breeders are creating a positive outlook for the market. It is also launching various programs, such as Integrated Scheme for Oilseeds, Pulses, Oil Palm, and Maize (ISOPOM), and Rashtriya Krishi Vikas Yojana, which, in turn, is providing continuous support and offering lucrative growth opportunities to farmers and seed breeders. Moreover, increasing investments by research institutes in research and development (R&D) activities to enhance crop production, supply chain management, and quality assurance is expected to drive the seed industry in India.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the seed industry in India, along with forecasts at the country and state level from 2024-2032. Our report has categorized the market based on crop type.

#### Breakup by Crop Type:

- Wheat
- Paddy
- Vegetables
- Cotton
- Maize
- Groundnut
- Soybean
- Others

Paddy seeds currently dominate the market as paddy crops represent one of the popular staple foods in India.

#### Breakup by Region:

- Uttar Pradesh
- Madhya Pradesh
- West Bengal
- Rajasthan
- Punjab
- Maharashtra
- Andhra Pradesh
- Bihar
- Karnataka
- Others

Uttar Pradesh enjoys the leading position in the market as it is the most populous state in the country. Additionally, the availability of the largest arable land is impelling the market growth

#### Competitive Landscape:

The competitive landscape of the market has been analyzed in the report, along with the detailed profiles of the major players operating in the industry. Some of these players are Advanta, DuPont, Kaveri Seeds, Syngenta, Bayer, J K Seeds and Rallis India Limited.

#### Key Questions Answered in This Report

1. What was the size of the seed industry in India in 2023?
2. What are the key factors driving the seed industry in India?
3. What has been the impact of COVID-19 on the seed industry in India?
4. What is the breakup of the seed industry in India based on the crop type?
5. What are the key regions in the seed industry in India?
6. Who are the key players/companies in the seed industry in India?

## Contents

### **1 PREFACE**

### **2 SCOPE AND METHODOLOGY**

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
  - 2.3.1 Primary Sources
  - 2.3.2 Secondary Sources
- 2.4 Market Estimation
  - 2.4.1 Bottom-Up Approach
  - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

### **3 EXECUTIVE SUMMARY**

### **4 INTRODUCTION**

- 4.1 Overview
- 4.2 Key Industry Trends

### **5 GLOBAL SEED INDUSTRY**

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Market Breakup by Region
- 5.4 Market Breakup by Seed Type
- 5.5 Major Players
- 5.6 Market Forecast

### **6 INDIAN SEED INDUSTRY**

- 6.1 Market Overview
- 6.2 Market Performance
- 6.3 Impact of COVID-19
- 6.4 Evolution of the Indian Seed Industry
- 6.5 Comparison of the Indian and Global Seed Industry

## 6.6 Seed Industry: Value Chain Analysis

### 6.6.1 Research and Development

### 6.6.2 Seed Production

### 6.6.3 Processing, Packaging and Storage

### 6.6.4 Sales and Marketing

### 6.6.5 Distribution

## 6.7 Indian Seed Market: Breakup by Crop Type

### 6.7.1 Wheat

#### 6.7.1.1 Market Trends

#### 6.7.1.2 Market Forecast

### 6.7.2 Paddy

#### 6.7.2.1 Market Trends

#### 6.7.2.2 Market Forecast

### 6.7.3 Vegetables

#### 6.7.3.1 Market Trends

#### 6.7.3.2 Market Forecast

### 6.7.4 Cotton

#### 6.7.4.1 Market Trends

#### 6.7.4.2 Market Forecast

### 6.7.5 Maize

#### 6.7.5.1 Market Trends

#### 6.7.5.2 Market Forecast

### 6.7.6 Groundnut

#### 6.7.6.1 Market Trends

#### 6.7.6.2 Market Forecast

### 6.7.7 Soybean

#### 6.7.7.1 Market Trends

#### 6.7.7.2 Market Forecast

### 6.7.8 Others

#### 6.7.8.1 Market Trends

#### 6.7.8.2 Market Forecast

## 6.8 Indian Seed Market: Breakup by Region

### 6.8.1 Uttar Pradesh

#### 6.8.1.1 Market Trends

#### 6.8.1.2 Market Forecast

### 6.8.2 Madhya Pradesh

#### 6.8.2.1 Market Trends

#### 6.8.2.2 Market Forecast

### 6.8.3 West Bengal

- 6.8.3.1 Market Trends
- 6.8.3.2 Market Forecast
- 6.8.4 Rajasthan
  - 6.8.4.1 Market Trends
  - 6.8.4.2 Market Forecast
- 6.8.5 Punjab
  - 6.8.5.1 Market Trends
  - 6.8.5.2 Market Forecast
- 6.7.6 Maharashtra
  - 6.8.6.1 Market Trends
  - 6.8.6.2 Market Forecast
- 6.8.7 Andhra Pradesh
  - 6.8.7.1 Market Trends
  - 6.8.7.2 Market Forecast
- 6.8.8 Bihar
  - 6.8.8.1 Market Trends
  - 6.8.8.2 Market Forecast
- 6.8.9 Karnataka
  - 6.8.9.1 Market Trends
  - 6.8.9.2 Market Forecast
- 6.8.10 Others
  - 6.8.10.1 Market Trends
  - 6.8.10.2 Market Forecast
- 6.9 Supply and Demand of Major Seeds in India
- 6.10 Hybridization of Major Crops
- 6.11 Seed Replacement Rates of Major Crops
- 6.12 Government Regulations
- 6.13 R&D in the Indian Seed Industry
- 6.14 SWOT Analysis
  - 6.14.1 Overview
  - 6.14.2 Strengths
  - 6.14.3 Weaknesses
  - 6.14.4 Opportunities
  - 6.14.5 Threats
- 6.15 Porter's Five Forces Analysis
  - 6.15.1 Overview
  - 6.15.2 Bargaining Power of Suppliers
  - 6.15.3 Bargaining Power of Buyers
  - 6.15.4 Threat of New Entrants

- 6.15.5 Threat of Substitutes
- 6.15.6 Degree of Competition
- 6.16 Market Forecast

## **7 COMPETITIVE LANDSCAPE**

- 7.1 Market Structure
- 7.2 Market Share of Key Players
- 7.3 Profiles of Key Players
  - 7.3.1 Advanta
    - 7.3.1.1 Company Overview
    - 7.3.1.2 Company Description
    - 7.3.1.3 Strategy
    - 7.3.1.4 Key Financials
  - 7.3.2 DuPont
    - 7.3.2.1 Company Overview
    - 7.3.2.2 Company Description
    - 7.3.2.3 Operations
    - 7.3.2.4 Strategy
    - 7.3.2.5 SWOT Analysis
    - 7.3.2.6 Key Financials
  - 7.3.3 Kaveri Seeds
    - 7.3.3.1 Company Overview
    - 7.3.3.2 Company Description
    - 7.3.3.3 Key Financials
  - 7.3.4 Syngenta
    - 7.3.4.1 Company Overview
    - 7.3.4.2 Company Description
    - 7.3.4.3 Operations
    - 7.3.4.4 Strategy
    - 7.3.4.5 SWOT Analysis
    - 7.3.4.6 Key Financials
  - 7.3.5 Bayer
    - 7.3.5.1 Company Overview
    - 7.3.5.2 Company Description
    - 7.3.5.3 Operations
    - 7.3.5.4 Strategy
    - 7.3.5.5 SWOT Analysis
    - 7.3.5.6 Key Financials

### 7.3.6 J K Seeds

7.3.6.1 Company Overview

7.3.6.2 Company Description

7.3.6.3 Key Financials

### 7.3.7 Rallis India Limited

7.3.7.1 Company Overview

7.3.7.2 Company Description

7.3.7.3 Key Financials



## List Of Tables

### LIST OF TABLES

Table 1: Global: Seed Market: Key Industry Highlights, 2023 and 2032

Table 2: India: Seed Market: Key Industry Highlights, 2023 and 2032

Table 3: India: Seed Market Forecast: Breakup by Crop Type (in Million US\$), 2024-2032

Table 4: India: Seed Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 5: Comparison of the Global and Indian Seed Industry

Table 6: India: Supply and Demand of Major Crop Seeds ('000 Tons)

Table 7: India: Supply and Demand of Major Crop Seeds ('000 Tons)

Table 8: India: Supply and Demand of Major Crop Seeds ('000 Tons)

Table 9: India: Seed Market: Hybridization of Major Seeds

Table 10: India: Seed Market: Seed Replacement rates of Major Crops

Table 11: India: Seed Market: Government Regulations

Table 12: Advanta Seeds: Key Financials (in US\$ Million)

Table 13: DuPont: Key Financials (in US\$ Million)

Table 14: Kaveri Seeds: Key Financials (in US\$ Million)

Table 15: Syngenta: Key Financials (in US\$ Million)

Table 16: J K Seeds: Key Financials (in US\$ Million)

Table 17: Rallis India Limited: Key Financials (in US\$ Million)

Table 18: Bayer: Key Financials (in US\$ Million)

## List Of Figures

### LIST OF FIGURES

- Figure 1: India: Seed Market: Major Drivers and Challenges
- Figure 2: Global: Seed Market: Sales Value (in Billion US\$), 2018-2023
- Figure 3: Global: Seed Market: Breakup by Region (in %), 2023
- Figure 4: Global: Seed Market: Breakup by Type (in %), 2023
- Figure 5: Global: Seed Market: Share of Key Players (in %), 2023
- Figure 6: Global: Seed Market Forecast: Sales Value (in Billion US\$), 2024-2032
- Figure 7: Indian: Seed Market: Sales Value (in Billion US\$), 2018-2023
- Figure 8: India: Evolution of the Indian Seed Industry
- Figure 9: India: Seed Industry: Value Chain Analysis
- Figure 10: India: Seed Market: Breakup by Crop Type (in %), 2023
- Figure 11: India: Seed Market: Breakup by Region (in %), 2023
- Figure 12: India: Wheat Seed Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 13: India: Wheat Seed Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 14: India: Paddy Seed Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 15: India: Paddy Seed Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 16: India: Vegetables Seed Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 17: India: Vegetables Seed Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 18: India: Cotton Seed Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 19: India: Cotton Seed Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 20: India: Maize Seed Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 21: India: Maize Seed Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 22: India: Groundnut Seed Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 23: India: Groundnut Seed Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 24: India: Soybean Seed Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 25: India: Soybean Seed Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 26: India: Others Seed Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 27: India: Others Seed Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 28: Uttar Pradesh: Seed Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 29: Uttar Pradesh: Seed Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 30: Madhya Pradesh: Seed Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 31: Madhya Pradesh: Seed Market Forecast: Sales Value (in Million US\$),

2024-2032

Figure 32: West Bengal: Seed Market: Sales Value (in Million US\$), 2018 & 2023

Figure 33: West Bengal: Seed Market Forecast: Sales Value (in Million US\$),  
2024-2032

Figure 34: Rajasthan: Seed Market: Sales Value (in Million US\$), 2018 & 2023

Figure 35: Rajasthan: Seed Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 36: Punjab: Seed Market: Sales Value (in Million US\$), 2018 & 2023

Figure 37: Punjab: Seed Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 38: Maharashtra: Seed Market: Sales Value (in Million US\$), 2018 & 2023

Figure 39: Maharashtra: Seed Market Forecast: Sales Value (in Million US\$),  
2024-2032

Figure 40: Andhra Pradesh: Seed Market: Sales Value (in Million US\$), 2018 & 2023

Figure 41: Andhra Pradesh: Seed Market Forecast: Sales Value (in Million US\$),  
2024-2032

Figure 42: Bihar: Seed Market: Sales Value (in Million US\$), 2018 & 2023

Figure 43: Bihar: Seed Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 44: Karnataka: Seed Market: Sales Value (in Million US\$), 2018 & 2023

Figure 45: Karnataka: Seed Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 46: Others: Seed Market: Sales Value (in Million US\$), 2018 & 2023

Figure 47: Others: Seed Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 48: India: Grain Seeds Market: Breakup by Region (in %), 2023

Figure 49: India: Vegetable Seeds Market: Breakup by Region (in %), 2023

Figure 50: India: Oil Seeds Market: Breakup by Region (in %), 2023

Figure 51: India: Fruit Seeds Market: Breakup by Region (in %), 2023

Figure 52: India: Seed Industry: SWOT Analysis

Figure 53: India: Seed Industry: Porter's Five Forces Analysis

Figure 54: India: Seed Market Forecast: Sales Value (in Billion US\$), 2024-2032

Figure 55: India: Seed Market: Breakup by Key Players (in %), 2023

Figure 56: DuPont: SWOT Analysis

Figure 57: Syngenta: SWOT Analysis

Figure 58: Bayer: SWOT Analysis

## I would like to order

Product name: Seed Industry in India Report by Crop Type (Wheat, Paddy, Vegetables, Cotton, Maize, Groundnut, Soybean, and Others), and Region 2024-2032

Product link: <https://marketpublishers.com/r/S4B7414BD19DEN.html>

Price: US\$ 2,699.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/S4B7414BD19DEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

