

South Korea Seed Treatment Market Size, Share, Trends and Forecast by Function, Crop Type, and Region, 2026-2034

<https://marketpublishers.com/r/S62F9A890341EN.html>

Date: July 2026

Pages: 122

Price: US\$ 2,999.00 (Single User License)

ID: S62F9A890341EN

Abstracts

The South Korea seed treatment market size reached USD 191.0 Million in 2025. Looking forward, the market is expected to reach USD 337.7 Million by 2034, exhibiting a growth rate (CAGR) of 6.34% during 2026-2034. The market is prompted by the increasing demand for greater agricultural productivity, and support from the government for precision and sustainable agriculture, which pushing farmers toward adopting treated seeds with improved germination, resistance to diseases, and yields. Improvements in biotechnology and robust public-private R&D partnerships also drive innovation in seed coating, biologicals, and microbials. Compatibility of treated seeds in smart farming systems guarantees compatibility in controlled environments such as greenhouses and vertical farms, further contributing to the growth of the South Korea seed treatment market share.

SOUTH KOREA SEED TREATMENT MARKET TRENDS:

Technological Innovation in Seed Protection

The seed treatment industry of South Korea is marked by a robust shift toward the use of advanced materials and formulations, combining chemical, biological, and non-chemical methods to improve seed performance. Chemical seed coatings such as fungicidal and insecticidal films remain predominant, owing to their assured protection from pests and pathogens during the germination and seedling stages. Nevertheless, South Korea is also observing an increasing adoption of biological seed treatments. These green alternatives tap into useful microorganisms like bacteria and fungi, in order to enhance the health and resistance of plants, as part of the country's overall trend toward sustainable farming. The outcome is a symbiotic relationship between well-

proven chemical supplements and green biological technologies, sustained both by farmer choice and regulatory policies that promote lowered chemical applications and environmental management.

Government Policy and Smart Farming Integration

South Korea has a unique emphasis on the government's facilitating role in stimulating seed-treatment uptake through smart farming and agricultural modernization policies. Government strategies encouraging smart-greenhouses, vertical crops, and precision cultivation directly align with needs for treated seeds optimized for these settings. Subsidies for and grants to adopt smart farm technology, like IoT-based greenhouses and AI-driven crop care, facilitate seed development with specially designed treatments that thrive under controlled-environment conditions. This coupling of seed-treatment technology and digital agriculture, supported by heavy government investment, is uniquely Korean, and speeds the movement toward more robust, higher-yielding crops adapted to high-density and urban farming, which further propels the South Korea seed treatment market growth.

Export Demand and Agricultural Competitiveness

The market for seed treatment in South Korea is also influenced by its position as a reliable supplier of sustainable and high-quality seeds on the world export stage. With scarce arable land and an ageing farm population, South Korea gives top priority to seed performance to enhance food security and increase productivity. Genetically enhanced and microbiologically treated seeds are developed for the twin purposes of augmenting domestic yields and conforming to international standards in overseas markets. Particularly, locally developed national brands in rice and vegetable seeds attributable to expert treatments that have been tailored to local varieties, have earned a quality reputation in neighboring nations. This export-oriented seed treatment ecosystem is supported through public-private partnerships and R&D collaborations, ensuring that South Korean seeds remain competitive both at home and abroad.

SOUTH KOREA SEED TREATMENT MARKET SEGMENTATION:

IMARC Group provides an analysis of the key trends in each segment of the market, along with forecasts at the country and regional levels for 2026-2034. Our report has categorized the market based on function and crop type.

Function Insights:

Fungicide

Insecticide

Nematicide

The report has provided a detailed breakup and analysis of the market based on the function. This includes fungicide, insecticide, and nematicide.

Crop Type Insights:

Commercial Crops

Fruits and Vegetables

Grains and Cereals

Pulses and Oilseeds

Turf and Ornamental

The report has provided a detailed breakup and analysis of the market based on the crop type. This includes commercial crops, fruits and vegetables, grains and cereals, pulses and oilseeds, and turf and ornamental.

Regional Insights:

Seoul Capital Area

Yeongnam (Southeastern Region)

Honam (Southwestern Region)

Hoseo (Central Region)

Others

The report has also provided a comprehensive analysis of all the major regional markets, which include Seoul Capital Area, Yeongnam (Southeastern Region), Honam (Southwestern Region), Hoseo (Central Region), and others.

COMPETITIVE LANDSCAPE:

The market research report has also provided a comprehensive analysis of the competitive landscape. Competitive analysis such as market structure, key player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided.

KEY QUESTIONS ANSWERED IN THIS REPORT

How has the South Korea seed treatment market performed so far and how will it perform in the coming years?

What is the breakup of the South Korea seed treatment market on the basis of function?

What is the breakup of the South Korea seed treatment market on the basis of crop type?

What is the breakup of the South Korea seed treatment market on the basis of region?

What are the various stages in the value chain of the South Korea seed treatment market?

What are the key driving factors and challenges in the South Korea seed treatment market?

What is the structure of the South Korea seed treatment market and who are the key players?

What is the degree of competition in the South Korea seed treatment market?

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 SOUTH KOREA SEED TREATMENT MARKET - INTRODUCTION

- 4.1 Overview
- 4.2 Market Dynamics
- 4.3 Industry Trends
- 4.4 Competitive Intelligence

5 SOUTH KOREA SEED TREATMENT MARKET LANDSCAPE

- 5.1 Historical and Current Market Trends (2020-2025)
- 5.2 Market Forecast (2026-2034)

6 SOUTH KOREA SEED TREATMENT MARKET - BREAKUP BY FUNCTION

- 6.1 Fungicide
 - 6.1.1 Overview
 - 6.1.2 Historical and Current Market Trends (2020-2025)
 - 6.1.3 Market Forecast (2026-2034)
- 6.2 Insecticide
 - 6.2.1 Overview
 - 6.2.2 Historical and Current Market Trends (2020-2025)

6.2.3 Market Forecast (2026-2034)

6.3 Nematicide

6.3.1 Overview

6.3.2 Historical and Current Market Trends (2020-2025)

6.3.3 Market Forecast (2026-2034)

7 SOUTH KOREA SEED TREATMENT MARKET - BREAKUP BY CROP TYPE

7.1 Commercial Crops

7.1.1 Overview

7.1.2 Historical and Current Market Trends (2020-2025)

7.1.3 Market Forecast (2026-2034)

7.2 Fruits and Vegetables

7.2.1 Overview

7.2.2 Historical and Current Market Trends (2020-2025)

7.2.3 Market Forecast (2026-2034)

7.3 Grains and Cereals

7.3.1 Overview

7.3.2 Historical and Current Market Trends (2020-2025)

7.3.3 Market Forecast (2026-2034)

7.4 Pulses and Oilseeds

7.4.1 Overview

7.4.2 Historical and Current Market Trends (2020-2025)

7.4.3 Market Forecast (2026-2034)

7.5 Turf and Ornamental

7.5.1 Overview

7.5.2 Historical and Current Market Trends (2020-2025)

7.5.3 Market Forecast (2026-2034)

8 SOUTH KOREA SEED TREATMENT MARKET – BREAKUP BY REGION

8.1 Seoul Capital Area

8.1.1 Overview

8.1.2 Historical and Current Market Trends (2020-2025)

8.1.3 Market Breakup by Function

8.1.4 Market Breakup by Crop Type

8.1.5 Key Players

8.1.6 Market Forecast (2026-2034)

8.2 Yeongnam (Southeastern Region)

- 8.2.1 Overview
- 8.2.2 Historical and Current Market Trends (2020-2025)
- 8.2.3 Market Breakup by Function
- 8.2.4 Market Breakup by Crop Type
- 8.2.5 Key Players
- 8.2.6 Market Forecast (2026-2034)
- 8.3 Honam (Southwestern Region)
 - 8.3.1 Overview
 - 8.3.2 Historical and Current Market Trends (2020-2025)
 - 8.3.3 Market Breakup by Function
 - 8.3.4 Market Breakup by Crop Type
 - 8.3.5 Key Players
 - 8.3.6 Market Forecast (2026-2034)
- 8.4 Hoseo (Central Region)
 - 8.4.1 Overview
 - 8.4.2 Historical and Current Market Trends (2020-2025)
 - 8.4.3 Market Breakup by Function
 - 8.4.4 Market Breakup by Crop Type
 - 8.4.5 Key Players
 - 8.4.6 Market Forecast (2026-2034)
- 8.5 Others
 - 8.5.1 Historical and Current Market Trends (2020-2025)
 - 8.5.2 Market Forecast (2026-2034)

9 SOUTH KOREA SEED TREATMENT MARKET – COMPETITIVE LANDSCAPE

- 9.1 Overview
- 9.2 Market Structure
- 9.3 Market Player Positioning
- 9.4 Top Winning Strategies
- 9.5 Competitive Dashboard
- 9.6 Company Evaluation Quadrant

10 PROFILES OF KEY PLAYERS

- 10.1 Company A
 - 10.1.1 Business Overview
 - 10.1.2 Products Offered
 - 10.1.3 Business Strategies

- 10.1.4 SWOT Analysis
- 10.1.5 Major News and Events
- 10.2 Company B
 - 10.2.1 Business Overview
 - 10.2.2 Products Offered
 - 10.2.3 Business Strategies
 - 10.2.4 SWOT Analysis
 - 10.2.5 Major News and Events
- 10.3 Company C
 - 10.3.1 Business Overview
 - 10.3.2 Products Offered
 - 10.3.3 Business Strategies
 - 10.3.4 SWOT Analysis
 - 10.3.5 Major News and Events
- 10.4 Company D
 - 10.4.1 Business Overview
 - 10.4.2 Products Offered
 - 10.4.3 Business Strategies
 - 10.4.4 SWOT Analysis
 - 10.4.5 Major News and Events
- 10.5 Company E
 - 10.5.1 Business Overview
 - 10.5.2 Products Offered
 - 10.5.3 Business Strategies
 - 10.5.4 SWOT Analysis
 - 10.5.5 Major News and Events

11 SOUTH KOREA SEED TREATMENT MARKET - INDUSTRY ANALYSIS

- 11.1 Drivers, Restraints, and Opportunities
 - 11.1.1 Overview
 - 11.1.2 Drivers
 - 11.1.3 Restraints
 - 11.1.4 Opportunities
- 11.2 Porters Five Forces Analysis
 - 11.2.1 Overview
 - 11.2.2 Bargaining Power of Buyers
 - 11.2.3 Bargaining Power of Suppliers
 - 11.2.4 Degree of Competition

- 11.2.5 Threat of New Entrants
- 11.2.6 Threat of Substitutes
- 11.3 Value Chain Analysis

12 APPENDIX

I would like to order

Product name: South Korea Seed Treatment Market Size, Share, Trends and Forecast by Function, Crop Type, and Region, 2026-2034

Product link: <https://marketpublishers.com/r/S62F9A890341EN.html>

Price: US\$ 2,999.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/S62F9A890341EN.html>