

South Korea Crop Protection Chemicals Market Report by Origin (Synthetic, Biopesticides), Product Type (Herbicides, Insecticides, Fungicides, and Others), Crop Type (Grains and Cereals, Oilseeds and Pulses, Fruits and Vegetables, Commercial Crops, and Others), and Region 2026-2034

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Abstracts

South Korea crop protection chemicals market size reached USD 1.9 Billion in 2025. Looking forward, IMARC Group expects the market to reach USD 2.6 Billion by 2034, exhibiting a growth rate (CAGR) of 3.47 % during 2026-2034 . The emphasis on agricultural sector, growing pest and disease challenges, increasing shift toward sustainable agriculture, significant technological advancements, stringent government regulations and safety standards, and ongoing research and development (R&D) represent some of the key factors driving the market.

Crop protection chemicals, also known as pesticides, are substances used in agriculture to safeguard crops from various pests, diseases, and weeds. These chemicals play a crucial role in modern agriculture, helping to ensure the stability and productivity of food and fiber production. Crop protection chemicals encompass a wide range of products, including insecticides, herbicides, and fungicides, each designed to target specific threats to crops. Insecticides are formulated to control insect pests that can damage crops by feeding on leaves, stems, or fruits. Herbicides are used to eliminate unwanted weeds that compete with crops for nutrients, water, and sunlight. Fungicides are employed to combat fungal diseases that can rapidly spread and devastate entire crop yields. The application of crop protection chemicals requires careful consideration and responsible use to minimize environmental impact and potential health risks. Regulatory agencies around the world establish guidelines and safety measures to ensure the

proper use of these chemicals. Farmers and agricultural professionals are encouraged to follow integrated pest management (IPM) practices, which combine the judicious use of pesticides with other sustainable and environmentally friendly approaches to crop protection.

SOUTH KOREA CROP PROTECTION CHEMICALS MARKET TRENDS:

South Korea places a strong emphasis on its agricultural sector to ensure food security for its population. The government invests in research and development (R&D), infrastructure, and modern farming practices, which, in turn, drives the demand for crop protection chemicals to maximize crop yields and quality. Additionally, South Korea faces various pest and disease challenges that threaten crop production. Insect pests, plant diseases, and weeds can significantly reduce yields if left uncontrolled, thereby necessitating the use of crop protection chemicals to mitigate these risks. Other than this, as global awareness about environmental sustainability grows, South Korea has been increasingly adopting sustainable agricultural practices. This includes the use of eco-friendly and reduced-risk pesticides, encouraging the development and adoption of biopesticides and integrated pest management (IPM) techniques. Besides this, the country has a strong agricultural export market, particularly for products like fruits, vegetables, and ginseng. In order to meet international quality standards and ensure the competitiveness of their agricultural exports, farmers rely on crop protection chemicals to produce high-quality crops. In line with this, the government implements stringent regulations and safety standards for crop protection chemical usage. This ensures that products on the market are safe for both consumers and the environment, promoting responsible pesticide application. Furthermore, investment in research activities by both public and private sectors drives the development of new, more effective, and environmentally friendly crop protection chemicals tailored to South Korea's specific crop and pest challenges.

SOUTH KOREA CROP PROTECTION CHEMICALS MARKET SEGMENTATION:

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

Origin Insights:

Synthetic

Biopesticides

The report has provided a detailed breakup and analysis of the market based on the origin. This includes synthetic and biopesticides.

Product Type Insights:

Herbicides

Insecticides

Fungicides

Others

A detailed breakup and analysis of the market based on the product type have also been provided in the report. This includes herbicides, insecticides, fungicides, and others.

Crop Type Insights:

Grains and Cereals

Oilseeds and Pulses

Fruits and Vegetables

Commercial Crops

Others

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

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 in the market. 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 crop protection chemicals market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the South Korea crop protection chemicals market?

What is the breakup of the South Korea crop protection chemicals market on the basis of origin?

What is the breakup of the South Korea crop protection chemicals market on the basis of product type?

What is the breakup of the South Korea crop protection chemicals market on the basis of crop type?

What are the various stages in the value chain of the South Korea crop protection chemicals market?

What are the key driving factors and challenges in the South Korea crop protection chemicals?

What is the structure of the South Korea crop protection chemicals market and who are

the key players?

What is the degree of competition in the South Korea crop protection chemicals 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 CROP PROTECTION CHEMICALS MARKET - INTRODUCTION

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

5 SOUTH KOREA CROP PROTECTION CHEMICALS MARKET LANDSCAPE

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

6 SOUTH KOREA CROP PROTECTION CHEMICALS MARKET - BREAKUP BY ORIGIN

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

6.2.2 Historical and Current Market Trends (2020-2025)

6.2.3 Market Forecast (2026-2034)

7 SOUTH KOREA CROP PROTECTION CHEMICALS MARKET - BREAKUP BY PRODUCT TYPE

7.1 Herbicides

7.1.1 Overview

7.1.2 Historical and Current Market Trends (2020-2025)

7.1.3 Market Forecast (2026-2034)

7.2 Insecticides

7.2.1 Overview

7.2.2 Historical and Current Market Trends (2020-2025)

7.2.3 Market Forecast (2026-2034)

7.3 Fungicides

7.3.1 Overview

7.3.2 Historical and Current Market Trends (2020-2025)

7.3.3 Market Forecast (2026-2034)

7.4 Others

7.4.1 Historical and Current Market Trends (2020-2025)

7.4.2 Market Forecast (2026-2034)

8 SOUTH KOREA CROP PROTECTION CHEMICALS MARKET - BREAKUP BY CROP TYPE

8.1 Grains and Cereals

8.1.1 Overview

8.1.2 Historical and Current Market Trends (2020-2025)

8.1.3 Market Forecast (2026-2034)

8.2 Oilseeds and Pulses

8.2.1 Overview

8.2.2 Historical and Current Market Trends (2020-2025)

8.2.3 Market Forecast (2026-2034)

8.3 Fruits and Vegetables

8.3.1 Overview

8.3.2 Historical and Current Market Trends (2020-2025)

8.3.3 Market Forecast (2026-2034)

8.4 Commercial Crops

8.4.1 Overview

8.4.2 Historical and Current Market Trends (2020-2025)

8.4.3 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 CROP PROTECTION CHEMICALS MARKET – BREAKUP BY REGION

9.1 Seoul Capital Area

9.1.1 Overview

9.1.2 Historical and Current Market Trends (2020-2025)

9.1.3 Market Breakup by Origin

9.1.4 Market Breakup by Product Type

9.1.5 Market Breakup by Crop Type

9.1.6 Key Players

9.1.7 Market Forecast (2026-2034)

9.2 Yeongnam (Southeastern Region)

9.2.1 Overview

9.2.2 Historical and Current Market Trends (2020-2025)

9.2.3 Market Breakup by Origin

9.2.4 Market Breakup by Product Type

9.2.5 Market Breakup by Crop Type

9.2.6 Key Players

9.2.7 Market Forecast (2026-2034)

9.3 Honam (Southwestern Region)

9.3.1 Overview

9.3.2 Historical and Current Market Trends (2020-2025)

9.3.3 Market Breakup by Origin

9.3.4 Market Breakup by Product Type

9.3.5 Market Breakup by Crop Type

9.3.6 Key Players

9.3.7 Market Forecast (2026-2034)

9.4 Hoseo (Central Region)

9.4.1 Overview

9.4.2 Historical and Current Market Trends (2020-2025)

9.4.3 Market Breakup by Origin

9.4.4 Market Breakup by Product Type

9.4.5 Market Breakup by Crop Type

9.4.6 Key Players

9.4.7 Market Forecast (2026-2034)

9.5 Others

9.5.1 Historical and Current Market Trends (2020-2025)

9.5.2 Market Forecast (2026-2034)

10 SOUTH KOREA CROP PROTECTION CHEMICALS MARKET – COMPETITIVE LANDSCAPE

10.1 Overview

10.2 Market Structure

10.3 Market Player Positioning

10.4 Top Winning Strategies

10.5 Competitive Dashboard

10.6 Company Evaluation Quadrant

11 PROFILES OF KEY PLAYERS

11.1 Company A

11.1.1 Business Overview

11.1.2 Product Portfolio

11.1.3 Business Strategies

11.1.4 SWOT Analysis

11.1.5 Major News and Events

11.2 Company B

11.2.1 Business Overview

11.2.2 Product Portfolio

11.2.3 Business Strategies

11.2.4 SWOT Analysis

11.2.5 Major News and Events

11.3 Company C

11.3.1 Business Overview

11.3.2 Product Portfolio

11.3.3 Business Strategies

11.3.4 SWOT Analysis

11.3.5 Major News and Events

11.4 Company D

11.4.1 Business Overview

11.4.2 Product Portfolio

- 11.4.3 Business Strategies
- 11.4.4 SWOT Analysis
- 11.4.5 Major News and Events
- 11.5 Company E
 - 11.5.1 Business Overview
 - 11.5.2 Product Portfolio
 - 11.5.3 Business Strategies
 - 11.5.4 SWOT Analysis
 - 11.5.5 Major News and Events

12 SOUTH KOREA CROP PROTECTION CHEMICALS MARKET - INDUSTRY ANALYSIS

- 12.1 Drivers, Restraints, and Opportunities
 - 12.1.1 Overview
 - 12.1.2 Drivers
 - 12.1.3 Restraints
 - 12.1.4 Opportunities
- 12.2 Porters Five Forces Analysis
 - 12.2.1 Overview
 - 12.2.2 Bargaining Power of Buyers
 - 12.2.3 Bargaining Power of Suppliers
 - 12.2.4 Degree of Competition
 - 12.2.5 Threat of New Entrants
 - 12.2.6 Threat of Substitutes
- 12.3 Value Chain Analysis

13 APPENDIX

I would like to order

Product name: South Korea Crop Protection Chemicals Market Report by Origin (Synthetic, Biopesticides), Product Type (Herbicides, Insecticides, Fungicides, and Others), Crop Type (Grains and Cereals, Oilseeds and Pulses, Fruits and Vegetables, Commercial Crops, and Others), and Region 2026-2034

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