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# South Korea Agricultural Biologicals Market Size, Share, Trends and Forecast by Type, Source, Mode of Application, Application, and Region, 2026-2034

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## Abstracts

The South Korea agricultural biologicals market size reached USD 345.4 Million in 2025 . Looking forward, IMARC Group expects the market to reach USD 1,021.1 Million by 2034 , exhibiting a growth rate (CAGR) of 12.16% during 2026-2034 . The market is witnessing steady growth, driven by rising demand for eco-friendly farming solutions and reduced dependence on synthetic agrochemicals. Increasing consumer awareness regarding organic produce and government support for sustainable agriculture are further propelling the market. These factors collectively contribute to the expanding South Korea agricultural biologicals market share.

SOUTH KOREA AGRICULTURAL BIOLOGICALS MARKET TRENDS:

Government Support and Subsidies

Government initiatives are essential in promoting sustainable farming practices in South Korea. By offering targeted subsidies, grants, and educational resources, the government encourages eco-friendly agriculture, which encompasses the use of biological crop protection and nutrition solutions. These policies are designed to lessen the nation’s reliance on chemical pesticides and fertilizers, leading to improved soil health and safer food production. To facilitate this transition, farmers receive financial support and training programs that highlight the long-term advantages of using biopesticides and biofertilizers. Additionally, government-supported research institutions are working with local manufacturers to foster innovation in this sector. These supportive actions are greatly contributing to South Korea agricultural biologics market growth, making it a vital component of the country's larger agricultural sustainability objectives.

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## Rising Demand for Organic Farming

The growing preference among consumers for food that is free from chemicals and produced sustainably is a significant driver behind the rise of biological products in the agricultural sector of South Korea. With an increase in health awareness, there is a heightened demand for organic fruits, vegetables, and grains, prompting farmers to reduce their use of synthetic chemicals. This transition has resulted in a notable increase in the application of agricultural biologicals, including biopesticides, biofungicides, and biofertilizers. For instance, in May 2025, the Research Institute of Organic Agriculture (FiBL) and South Korea's National Institute of Agricultural Sciences (NAS) extended their collaboration through a new Memorandum of Understanding. This partnership aims to enhance organic farming methods tailored to local conditions, focusing on smart farming and climate farming practices. These products not only comply with organic certification requirements but also enhance soil health and crop durability. Retailers and food companies are backing this movement by sourcing organic produce, which reinforces the demand within the supply chain. Consequently, the need for biological solutions is emerging as a major factor in the growth of the agricultural biologics market in South Korea.

## Technological Advancements

Innovation is crucial in the evolution of the agricultural biologics market in South Korea. There has been significant progress in developing microbial-based formulations that are now more precise, stable, and effective across different climatic conditions. Researchers and biotechnology companies are consistently improving the effectiveness and shelf life of products like biofertilizers and biopesticides through advancements in encapsulation techniques, fermentation processes, and strain optimization. These improvements enable biologicals to deliver consistent results, making them an attractive option for contemporary farmers who are accustomed to the reliability of chemical alternatives. Additionally, advancements in delivery methods such as foliar sprays, seed coatings, and solutions compatible with drip irrigation are increasing user-friendliness. As these technologies advance, they contribute to closing the gap between traditional farming methods and modern sustainable agriculture, thereby accelerating market growth.

## SOUTH KOREA AGRICULTURAL BIOLOGICALS MARKET SEGMENTATION:

IMARC Group provides an analysis of the key trends in each segment of the market,

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along with forecasts at the country and regional levels for 2026-2034. Our report has categorized the market based on type, source, mode of application, and application.

Type Insights:

- Biopesticides
- Biofertilizers
- Biostimulants

The report has provided a detailed breakup and analysis of the market based on the type. This includes biopesticides, biofertilizers, and biostimulants.

Source Insights:

- Microbials
- Macrobials
- Biochemicals
- Others

A detailed breakup and analysis of the market based on the source have also been provided in the report. This includes microbials, macrobials, biochemicals, and others.

Mode of Application Insights:

- Foliar Spray
- Soil Treatment
- Seed Treatment
- Post-Harvest

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A detailed breakup and analysis of the market based on the mode of application have also been provided in the report. This includes foliar spray, soil treatment, seed treatment, and post-harvest.

Application Insights:

- Cereals and Grains
- Oilseed and Pulses
- Fruits and Vegetables
- Turf and Ornamentals
- Others

A detailed breakup and analysis of the market based on the application have also been provided in the report. This includes cereals and grains, oilseed and pulses, fruits and vegetables, turf and ornamentals, 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:

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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 agricultural biologicals market performed so far and how will it perform in the coming years?
What is the breakup of the South Korea agricultural biologicals market on the basis of type?
What is the breakup of the South Korea agricultural biologicals market on the basis of source?
What is the breakup of the South Korea agricultural biologicals market on the basis of mode of application?
What is the breakup of the South Korea agricultural biologicals market on the basis of application?
What is the breakup of the South Korea agricultural biologicals market on the basis of region?
What are the various stages in the value chain of the South Korea agricultural biologicals market?
What are the key driving factors and challenges in the South Korea agricultural biologicals market?
What is the structure of the South Korea agricultural biologicals market and who are the key players?
What is the degree of competition in the South Korea agricultural biologicals market?

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