

# Global Probiotic Systemic Resistance Inducer Spray Market Growth 2026-2032

<https://marketpublishers.com/r/GF1B5829D5DAEN.html>

Date: January 2026

Pages: 104

Price: US\$ 3,660.00 (Single User License)

ID: GF1B5829D5DAEN

## Abstracts

The global Probiotic Systemic Resistance Inducer Spray market size is predicted to grow from US\$ 215 million in 2025 to US\$ 508 million in 2032; it is expected to grow at a CAGR of 13.1% from 2026 to 2032.

In 2024, global probiotic systemic resistance inducer spray production reached approximately 7,341 ton, with an average global market price of around USD 30,000 per ton. A factory gross profit of USD 9,000 per ton with 30% gross margin. A single line full machine capacity production is around 500 ton per line per year. downstream demand is concentrated in crop protection, biostimulant and green agriculture. A large wheat farm in India applies an oligosaccharide-based probiotic SAR spray at key growth stages to enhance systemic resistance, reducing rust disease incidence by an estimated 20–30% vs untreated controls, this leading to higher yield and lower fungicide use. A Probiotic Systemic Resistance Inducer Spray is a liquid formulation containing beneficial microbes (probiotics) that, when sprayed on plants, triggers their internal defense system (Induced Systemic Resistance) to fight diseases throughout the whole plant, acting as a natural, sustainable alternative to chemical pesticides by activating plant immunity. It's a biological control (biocontrol) agent that primes the plant to resist future attacks from pathogens, promoting healthier growth and yield without harmful residues.

United States market for Probiotic Systemic Resistance Inducer Spray is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Probiotic Systemic Resistance Inducer Spray is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through

2032.

Europe market for Probiotic Systemic Resistance Inducer Spray is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Probiotic Systemic Resistance Inducer Spray players cover Syngenta Group, Bayer CorpScience, BASF SE, UPL Limited, Corteva Agriscience, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the "Probiotic Systemic Resistance Inducer Spray Industry Forecast" looks at past sales and reviews total world Probiotic Systemic Resistance Inducer Spray sales in 2025, providing a comprehensive analysis by region and market sector of projected Probiotic Systemic Resistance Inducer Spray sales for 2026 through 2032. With Probiotic Systemic Resistance Inducer Spray sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Probiotic Systemic Resistance Inducer Spray industry.

This Insight Report provides a comprehensive analysis of the global Probiotic Systemic Resistance Inducer Spray landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Probiotic Systemic Resistance Inducer Spray portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Probiotic Systemic Resistance Inducer Spray market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Probiotic Systemic Resistance Inducer Spray and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Probiotic Systemic Resistance Inducer Spray.

This report presents a comprehensive overview, market shares, and growth opportunities of Probiotic Systemic Resistance Inducer Spray market by product type, application, key manufacturers and key regions and countries.

### Segmentation by Type:

- Oligosaccharide Based
- Chitosan and Derivatives
- Seaweed Extracts
- Plant Derived Polysaccharides
- Others

### Segmentation by Formulation:

- Liquid Spray Concentrates
- Powder
- Microbial Suspension

### Segmentation by Usage:

- Preventive Disease Resistance
- Stress Mitigation
- Integrated Pest Management
- Others

### Segmentation by Application:

- Commercial Farmers
- Commodity Producers

Organic and Specialty Crop Growers

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Syngenta Group

Bayer CorpScience

BASF SE

UPL Limited

Corteva Agriscience

FMC Corporation

Novozymes

Sumitomo Chemical

Marrone Bio Innovations

BioWorks Inc

## Key Questions Addressed in this Report

What is the 10-year outlook for the global Probiotic Systemic Resistance Inducer Spray market?

What factors are driving Probiotic Systemic Resistance Inducer Spray market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Probiotic Systemic Resistance Inducer Spray market opportunities vary by end market size?

How does Probiotic Systemic Resistance Inducer Spray break out by Type, by Application?

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

#### 2.1 World Market Overview

- 2.1.1 Global Probiotic Systemic Resistance Inducer Spray Annual Sales 2021-2032
- 2.1.2 World Current & Future Analysis for Probiotic Systemic Resistance Inducer Spray by Geographic Region, 2021, 2025 & 2032
- 2.1.3 World Current & Future Analysis for Probiotic Systemic Resistance Inducer Spray by Country/Region, 2021, 2025 & 2032

#### 2.2 Probiotic Systemic Resistance Inducer Spray Segment by Type

- 2.2.1 Oligosaccharide Based
- 2.2.2 Chitosan and Derivatives
- 2.2.3 Seaweed Extracts
- 2.2.4 Plant Derived Polysaccharides
- 2.2.5 Others
- 2.2.6 Probiotic Systemic Resistance Inducer Spray Sales by Type
  - 2.2.6.1 Global Probiotic Systemic Resistance Inducer Spray Sales Market Share by Type (2021-2026)
  - 2.2.6.2 Global Probiotic Systemic Resistance Inducer Spray Revenue and Market Share by Type (2021-2026)
  - 2.2.6.3 Global Probiotic Systemic Resistance Inducer Spray Sale Price by Type (2021-2026)

#### 2.3 Probiotic Systemic Resistance Inducer Spray Segment by Formulation

- 2.3.1 Liquid Spray Concentrates
- 2.3.2 Powder
- 2.3.3 Microbial Suspension
- 2.3.4 Probiotic Systemic Resistance Inducer Spray Sales by Formulation

2.3.4.1 Global Probiotic Systemic Resistance Inducer Spray Sales Market Share by Formulation (2021-2026)

2.3.4.2 Global Probiotic Systemic Resistance Inducer Spray Revenue and Market Share by Formulation (2021-2026)

2.3.4.3 Global Probiotic Systemic Resistance Inducer Spray Sale Price by Formulation (2021-2026)

2.4 Probiotic Systemic Resistance Inducer Spray Segment by Usage

2.4.1 Preventive Disease Resistance

2.4.2 Stress Mitigation

2.4.3 Integrated Pest Management

2.4.4 Others

2.4.5 Probiotic Systemic Resistance Inducer Spray Sales by Usage

2.4.5.1 Global Probiotic Systemic Resistance Inducer Spray Sales Market Share by Usage (2021-2026)

2.4.5.2 Global Probiotic Systemic Resistance Inducer Spray Revenue and Market Share by Usage (2021-2026)

2.4.5.3 Global Probiotic Systemic Resistance Inducer Spray Sale Price by Usage (2021-2026)

2.5 Probiotic Systemic Resistance Inducer Spray Segment by Application

2.5.1 Commercial Farmers

2.5.2 Commodity Producers

2.5.3 Organic and Specialty Crop Growers

2.5.4 Others

2.5.5 Probiotic Systemic Resistance Inducer Spray Sales by Application

2.5.5.1 Global Probiotic Systemic Resistance Inducer Spray Sales Market Share by Application (2021-2026)

2.5.5.2 Global Probiotic Systemic Resistance Inducer Spray Revenue and Market Share by Application (2021-2026)

2.5.5.3 Global Probiotic Systemic Resistance Inducer Spray Sale Price by Application (2021-2026)

### **3 GLOBAL BY COMPANY**

3.1 Global Probiotic Systemic Resistance Inducer Spray Breakdown Data by Company

3.1.1 Global Probiotic Systemic Resistance Inducer Spray Annual Sales by Company (2021-2026)

3.1.2 Global Probiotic Systemic Resistance Inducer Spray Sales Market Share by Company (2021-2026)

3.2 Global Probiotic Systemic Resistance Inducer Spray Annual Revenue by Company

(2021-2026)

3.2.1 Global Probiotic Systemic Resistance Inducer Spray Revenue by Company

(2021-2026)

3.2.2 Global Probiotic Systemic Resistance Inducer Spray Revenue Market Share by Company (2021-2026)

3.3 Global Probiotic Systemic Resistance Inducer Spray Sale Price by Company

3.4 Key Manufacturers Probiotic Systemic Resistance Inducer Spray Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Probiotic Systemic Resistance Inducer Spray Product Location Distribution

3.4.2 Players Probiotic Systemic Resistance Inducer Spray Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

## **4 WORLD HISTORIC REVIEW FOR PROBIOTIC SYSTEMIC RESISTANCE INDUCER SPRAY BY GEOGRAPHIC REGION**

4.1 World Historic Probiotic Systemic Resistance Inducer Spray Market Size by Geographic Region (2021-2026)

4.1.1 Global Probiotic Systemic Resistance Inducer Spray Annual Sales by Geographic Region (2021-2026)

4.1.2 Global Probiotic Systemic Resistance Inducer Spray Annual Revenue by Geographic Region (2021-2026)

4.2 World Historic Probiotic Systemic Resistance Inducer Spray Market Size by Country/Region (2021-2026)

4.2.1 Global Probiotic Systemic Resistance Inducer Spray Annual Sales by Country/Region (2021-2026)

4.2.2 Global Probiotic Systemic Resistance Inducer Spray Annual Revenue by Country/Region (2021-2026)

4.3 Americas Probiotic Systemic Resistance Inducer Spray Sales Growth

4.4 APAC Probiotic Systemic Resistance Inducer Spray Sales Growth

4.5 Europe Probiotic Systemic Resistance Inducer Spray Sales Growth

4.6 Middle East & Africa Probiotic Systemic Resistance Inducer Spray Sales Growth

## **5 AMERICAS**

## 5.1 Americas Probiotic Systemic Resistance Inducer Spray Sales by Country

5.1.1 Americas Probiotic Systemic Resistance Inducer Spray Sales by Country  
(2021-2026)

5.1.2 Americas Probiotic Systemic Resistance Inducer Spray Revenue by Country  
(2021-2026)

## 5.2 Americas Probiotic Systemic Resistance Inducer Spray Sales by Type (2021-2026)

5.3 Americas Probiotic Systemic Resistance Inducer Spray Sales by Application  
(2021-2026)

## 5.4 United States

### 5.5 Canada

### 5.6 Mexico

### 5.7 Brazil

## 6 APAC

### 6.1 APAC Probiotic Systemic Resistance Inducer Spray Sales by Region

6.1.1 APAC Probiotic Systemic Resistance Inducer Spray Sales by Region  
(2021-2026)

6.1.2 APAC Probiotic Systemic Resistance Inducer Spray Revenue by Region  
(2021-2026)

### 6.2 APAC Probiotic Systemic Resistance Inducer Spray Sales by Type (2021-2026)

6.3 APAC Probiotic Systemic Resistance Inducer Spray Sales by Application  
(2021-2026)

### 6.4 China

### 6.5 Japan

### 6.6 South Korea

### 6.7 Southeast Asia

### 6.8 India

### 6.9 Australia

### 6.10 China Taiwan

## 7 EUROPE

### 7.1 Europe Probiotic Systemic Resistance Inducer Spray by Country

7.1.1 Europe Probiotic Systemic Resistance Inducer Spray Sales by Country  
(2021-2026)

7.1.2 Europe Probiotic Systemic Resistance Inducer Spray Revenue by Country  
(2021-2026)

### 7.2 Europe Probiotic Systemic Resistance Inducer Spray Sales by Type (2021-2026)

### 7.3 Europe Probiotic Systemic Resistance Inducer Spray Sales by Application (2021-2026)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

## **8 MIDDLE EAST & AFRICA**

### 8.1 Middle East & Africa Probiotic Systemic Resistance Inducer Spray by Country

8.1.1 Middle East & Africa Probiotic Systemic Resistance Inducer Spray Sales by Country (2021-2026)

8.1.2 Middle East & Africa Probiotic Systemic Resistance Inducer Spray Revenue by Country (2021-2026)

8.2 Middle East & Africa Probiotic Systemic Resistance Inducer Spray Sales by Type (2021-2026)

8.3 Middle East & Africa Probiotic Systemic Resistance Inducer Spray Sales by Application (2021-2026)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Probiotic Systemic Resistance Inducer Spray

10.3 Manufacturing Process Analysis of Probiotic Systemic Resistance Inducer Spray

10.4 Industry Chain Structure of Probiotic Systemic Resistance Inducer Spray

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

### 11.1 Sales Channel

#### 11.1.1 Direct Channels

#### 11.1.2 Indirect Channels

### 11.2 Probiotic Systemic Resistance Inducer Spray Distributors

### 11.3 Probiotic Systemic Resistance Inducer Spray Customer

## **12 WORLD FORECAST REVIEW FOR PROBIOTIC SYSTEMIC RESISTANCE INDUCER SPRAY BY GEOGRAPHIC REGION**

### 12.1 Global Probiotic Systemic Resistance Inducer Spray Market Size Forecast by Region

#### 12.1.1 Global Probiotic Systemic Resistance Inducer Spray Forecast by Region (2027-2032)

#### 12.1.2 Global Probiotic Systemic Resistance Inducer Spray Annual Revenue Forecast by Region (2027-2032)

### 12.2 Americas Forecast by Country (2027-2032)

### 12.3 APAC Forecast by Region (2027-2032)

### 12.4 Europe Forecast by Country (2027-2032)

### 12.5 Middle East & Africa Forecast by Country (2027-2032)

### 12.6 Global Probiotic Systemic Resistance Inducer Spray Forecast by Type (2027-2032)

### 12.7 Global Probiotic Systemic Resistance Inducer Spray Forecast by Application (2027-2032)

## **13 KEY PLAYERS ANALYSIS**

### 13.1 Syngenta Group

#### 13.1.1 Syngenta Group Company Information

#### 13.1.2 Syngenta Group Probiotic Systemic Resistance Inducer Spray Product Portfolios and Specifications

#### 13.1.3 Syngenta Group Probiotic Systemic Resistance Inducer Spray Sales, Revenue, Price and Gross Margin (2021-2026)

#### 13.1.4 Syngenta Group Main Business Overview

#### 13.1.5 Syngenta Group Latest Developments

### 13.2 Bayer CorpScience

#### 13.2.1 Bayer CorpScience Company Information

#### 13.2.2 Bayer CorpScience Probiotic Systemic Resistance Inducer Spray Product

## Portfolios and Specifications

13.2.3 Bayer CorpScience Probiotic Systemic Resistance Inducer Spray Sales, Revenue, Price and Gross Margin (2021-2026)

13.2.4 Bayer CorpScience Main Business Overview

13.2.5 Bayer CorpScience Latest Developments

## 13.3 BASF SE

13.3.1 BASF SE Company Information

13.3.2 BASF SE Probiotic Systemic Resistance Inducer Spray Product Portfolios and Specifications

13.3.3 BASF SE Probiotic Systemic Resistance Inducer Spray Sales, Revenue, Price and Gross Margin (2021-2026)

13.3.4 BASF SE Main Business Overview

13.3.5 BASF SE Latest Developments

## 13.4 UPL Limited

13.4.1 UPL Limited Company Information

13.4.2 UPL Limited Probiotic Systemic Resistance Inducer Spray Product Portfolios and Specifications

13.4.3 UPL Limited Probiotic Systemic Resistance Inducer Spray Sales, Revenue, Price and Gross Margin (2021-2026)

13.4.4 UPL Limited Main Business Overview

13.4.5 UPL Limited Latest Developments

## 13.5 Corteva Agriscience

13.5.1 Corteva Agriscience Company Information

13.5.2 Corteva Agriscience Probiotic Systemic Resistance Inducer Spray Product Portfolios and Specifications

13.5.3 Corteva Agriscience Probiotic Systemic Resistance Inducer Spray Sales, Revenue, Price and Gross Margin (2021-2026)

13.5.4 Corteva Agriscience Main Business Overview

13.5.5 Corteva Agriscience Latest Developments

## 13.6 FMC Corporation

13.6.1 FMC Corporation Company Information

13.6.2 FMC Corporation Probiotic Systemic Resistance Inducer Spray Product Portfolios and Specifications

13.6.3 FMC Corporation Probiotic Systemic Resistance Inducer Spray Sales, Revenue, Price and Gross Margin (2021-2026)

13.6.4 FMC Corporation Main Business Overview

13.6.5 FMC Corporation Latest Developments

## 13.7 Novozymes

13.7.1 Novozymes Company Information

13.7.2 Novozymes Probiotic Systemic Resistance Inducer Spray Product Portfolios and Specifications

13.7.3 Novozymes Probiotic Systemic Resistance Inducer Spray Sales, Revenue, Price and Gross Margin (2021-2026)

13.7.4 Novozymes Main Business Overview

13.7.5 Novozymes Latest Developments

13.8 Sumitomo Chemical

13.8.1 Sumitomo Chemical Company Information

13.8.2 Sumitomo Chemical Probiotic Systemic Resistance Inducer Spray Product Portfolios and Specifications

13.8.3 Sumitomo Chemical Probiotic Systemic Resistance Inducer Spray Sales, Revenue, Price and Gross Margin (2021-2026)

13.8.4 Sumitomo Chemical Main Business Overview

13.8.5 Sumitomo Chemical Latest Developments

13.9 Marrone Bio Innovations

13.9.1 Marrone Bio Innovations Company Information

13.9.2 Marrone Bio Innovations Probiotic Systemic Resistance Inducer Spray Product Portfolios and Specifications

13.9.3 Marrone Bio Innovations Probiotic Systemic Resistance Inducer Spray Sales, Revenue, Price and Gross Margin (2021-2026)

13.9.4 Marrone Bio Innovations Main Business Overview

13.9.5 Marrone Bio Innovations Latest Developments

13.10 BioWorks Inc

13.10.1 BioWorks Inc Company Information

13.10.2 BioWorks Inc Probiotic Systemic Resistance Inducer Spray Product Portfolios and Specifications

13.10.3 BioWorks Inc Probiotic Systemic Resistance Inducer Spray Sales, Revenue, Price and Gross Margin (2021-2026)

13.10.4 BioWorks Inc Main Business Overview

13.10.5 BioWorks Inc Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

- Table 1. Probiotic Systemic Resistance Inducer Spray Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Table 2. Probiotic Systemic Resistance Inducer Spray Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)
- Table 3. Major Players of Oligosaccharide Based
- Table 4. Major Players of Chitosan and Derivatives
- Table 5. Major Players of Seaweed Extracts
- Table 6. Major Players of Plant Derived Polysaccharides
- Table 7. Major Players of Others
- Table 8. Global Probiotic Systemic Resistance Inducer Spray Sales by Type (2021-2026) & (Tons)
- Table 9. Global Probiotic Systemic Resistance Inducer Spray Sales Market Share by Type (2021-2026)
- Table 10. Global Probiotic Systemic Resistance Inducer Spray Revenue by Type (2021-2026) & (\$ million)
- Table 11. Global Probiotic Systemic Resistance Inducer Spray Revenue Market Share by Type (2021-2026)
- Table 12. Global Probiotic Systemic Resistance Inducer Spray Sale Price by Type (2021-2026) & (US\$/Ton)
- Table 13. Major Players of Liquid Spray Concentrates
- Table 14. Major Players of Powder
- Table 15. Major Players of Microbial Suspension
- Table 16. Global Probiotic Systemic Resistance Inducer Spray Sales by Formulation (2021-2026) & (Tons)
- Table 17. Global Probiotic Systemic Resistance Inducer Spray Sales Market Share by Formulation (2021-2026)
- Table 18. Global Probiotic Systemic Resistance Inducer Spray Revenue by Formulation (2021-2026) & (\$ million)
- Table 19. Global Probiotic Systemic Resistance Inducer Spray Revenue Market Share by Formulation (2021-2026)
- Table 20. Global Probiotic Systemic Resistance Inducer Spray Sale Price by Formulation (2021-2026) & (US\$/Ton)
- Table 21. Major Players of Preventive Disease Resistance
- Table 22. Major Players of Stress Mitigation
- Table 23. Major Players of Integrated Pest Management

Table 24. Major Players of Others

Table 25. Global Probiotic Systemic Resistance Inducer Spray Sales by Usage (2021-2026) & (Tons)

Table 26. Global Probiotic Systemic Resistance Inducer Spray Sales Market Share by Usage (2021-2026)

Table 27. Global Probiotic Systemic Resistance Inducer Spray Revenue by Usage (2021-2026) & (\$ million)

Table 28. Global Probiotic Systemic Resistance Inducer Spray Revenue Market Share by Usage (2021-2026)

Table 29. Global Probiotic Systemic Resistance Inducer Spray Sale Price by Usage (2021-2026) & (US\$/Ton)

Table 30. Global Probiotic Systemic Resistance Inducer Spray Sale by Application (2021-2026) & (Tons)

Table 31. Global Probiotic Systemic Resistance Inducer Spray Sale Market Share by Application (2021-2026)

Table 32. Global Probiotic Systemic Resistance Inducer Spray Revenue by Application (2021-2026) & (\$ million)

Table 33. Global Probiotic Systemic Resistance Inducer Spray Revenue Market Share by Application (2021-2026)

Table 34. Global Probiotic Systemic Resistance Inducer Spray Sale Price by Application (2021-2026) & (US\$/Ton)

Table 35. Global Probiotic Systemic Resistance Inducer Spray Sales by Company (2021-2026) & (Tons)

Table 36. Global Probiotic Systemic Resistance Inducer Spray Sales Market Share by Company (2021-2026)

Table 37. Global Probiotic Systemic Resistance Inducer Spray Revenue by Company (2021-2026) & (\$ millions)

Table 38. Global Probiotic Systemic Resistance Inducer Spray Revenue Market Share by Company (2021-2026)

Table 39. Global Probiotic Systemic Resistance Inducer Spray Sale Price by Company (2021-2026) & (US\$/Ton)

Table 40. Key Manufacturers Probiotic Systemic Resistance Inducer Spray Producing Area Distribution and Sales Area

Table 41. Players Probiotic Systemic Resistance Inducer Spray Products Offered

Table 42. Probiotic Systemic Resistance Inducer Spray Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 43. New Products and Potential Entrants

Table 44. Market M&A Activity & Strategy

Table 45. Global Probiotic Systemic Resistance Inducer Spray Sales by Geographic

Region (2021-2026) & (Tons)

Table 46. Global Probiotic Systemic Resistance Inducer Spray Sales Market Share

Geographic Region (2021-2026)

Table 47. Global Probiotic Systemic Resistance Inducer Spray Revenue by Geographic

Region (2021-2026) & (\$ millions)

Table 48. Global Probiotic Systemic Resistance Inducer Spray Revenue Market Share

by Geographic Region (2021-2026)

Table 49. Global Probiotic Systemic Resistance Inducer Spray Sales by Country/Region

(2021-2026) & (Tons)

Table 50. Global Probiotic Systemic Resistance Inducer Spray Sales Market Share by

Country/Region (2021-2026)

Table 51. Global Probiotic Systemic Resistance Inducer Spray Revenue by

Country/Region (2021-2026) & (\$ millions)

Table 52. Global Probiotic Systemic Resistance Inducer Spray Revenue Market Share

by Country/Region (2021-2026)

Table 53. Americas Probiotic Systemic Resistance Inducer Spray Sales by Country

(2021-2026) & (Tons)

Table 54. Americas Probiotic Systemic Resistance Inducer Spray Sales Market Share

by Country (2021-2026)

Table 55. Americas Probiotic Systemic Resistance Inducer Spray Revenue by Country

(2021-2026) & (\$ millions)

Table 56. Americas Probiotic Systemic Resistance Inducer Spray Sales by Type

(2021-2026) & (Tons)

Table 57. Americas Probiotic Systemic Resistance Inducer Spray Sales by Application

(2021-2026) & (Tons)

Table 58. APAC Probiotic Systemic Resistance Inducer Spray Sales by Region

(2021-2026) & (Tons)

Table 59. APAC Probiotic Systemic Resistance Inducer Spray Sales Market Share by

Region (2021-2026)

Table 60. APAC Probiotic Systemic Resistance Inducer Spray Revenue by Region

(2021-2026) & (\$ millions)

Table 61. APAC Probiotic Systemic Resistance Inducer Spray Sales by Type

(2021-2026) & (Tons)

Table 62. APAC Probiotic Systemic Resistance Inducer Spray Sales by Application

(2021-2026) & (Tons)

Table 63. Europe Probiotic Systemic Resistance Inducer Spray Sales by Country

(2021-2026) & (Tons)

Table 64. Europe Probiotic Systemic Resistance Inducer Spray Revenue by Country

(2021-2026) & (\$ millions)

Table 65. Europe Probiotic Systemic Resistance Inducer Spray Sales by Type (2021-2026) & (Tons)

Table 66. Europe Probiotic Systemic Resistance Inducer Spray Sales by Application (2021-2026) & (Tons)

Table 67. Middle East & Africa Probiotic Systemic Resistance Inducer Spray Sales by Country (2021-2026) & (Tons)

Table 68. Middle East & Africa Probiotic Systemic Resistance Inducer Spray Revenue Market Share by Country (2021-2026)

Table 69. Middle East & Africa Probiotic Systemic Resistance Inducer Spray Sales by Type (2021-2026) & (Tons)

Table 70. Middle East & Africa Probiotic Systemic Resistance Inducer Spray Sales by Application (2021-2026) & (Tons)

Table 71. Key Market Drivers & Growth Opportunities of Probiotic Systemic Resistance Inducer Spray

Table 72. Key Market Challenges & Risks of Probiotic Systemic Resistance Inducer Spray

Table 73. Key Industry Trends of Probiotic Systemic Resistance Inducer Spray

Table 74. Probiotic Systemic Resistance Inducer Spray Raw Material

Table 75. Key Suppliers of Raw Materials

Table 76. Probiotic Systemic Resistance Inducer Spray Distributors List

Table 77. Probiotic Systemic Resistance Inducer Spray Customer List

Table 78. Global Probiotic Systemic Resistance Inducer Spray Sales Forecast by Region (2027-2032) & (Tons)

Table 79. Global Probiotic Systemic Resistance Inducer Spray Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 80. Americas Probiotic Systemic Resistance Inducer Spray Sales Forecast by Country (2027-2032) & (Tons)

Table 81. Americas Probiotic Systemic Resistance Inducer Spray Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 82. APAC Probiotic Systemic Resistance Inducer Spray Sales Forecast by Region (2027-2032) & (Tons)

Table 83. APAC Probiotic Systemic Resistance Inducer Spray Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 84. Europe Probiotic Systemic Resistance Inducer Spray Sales Forecast by Country (2027-2032) & (Tons)

Table 85. Europe Probiotic Systemic Resistance Inducer Spray Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 86. Middle East & Africa Probiotic Systemic Resistance Inducer Spray Sales Forecast by Country (2027-2032) & (Tons)

Table 87. Middle East & Africa Probiotic Systemic Resistance Inducer Spray Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 88. Global Probiotic Systemic Resistance Inducer Spray Sales Forecast by Type (2027-2032) & (Tons)

Table 89. Global Probiotic Systemic Resistance Inducer Spray Revenue Forecast by Type (2027-2032) & (\$ millions)

Table 90. Global Probiotic Systemic Resistance Inducer Spray Sales Forecast by Application (2027-2032) & (Tons)

Table 91. Global Probiotic Systemic Resistance Inducer Spray Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 92. Syngenta Group Basic Information, Probiotic Systemic Resistance Inducer Spray Manufacturing Base, Sales Area and Its Competitors

Table 93. Syngenta Group Probiotic Systemic Resistance Inducer Spray Product Portfolios and Specifications

Table 94. Syngenta Group Probiotic Systemic Resistance Inducer Spray Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 95. Syngenta Group Main Business

Table 96. Syngenta Group Latest Developments

Table 97. Bayer CorpScience Basic Information, Probiotic Systemic Resistance Inducer Spray Manufacturing Base, Sales Area and Its Competitors

Table 98. Bayer CorpScience Probiotic Systemic Resistance Inducer Spray Product Portfolios and Specifications

Table 99. Bayer CorpScience Probiotic Systemic Resistance Inducer Spray Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 100. Bayer CorpScience Main Business

Table 101. Bayer CorpScience Latest Developments

Table 102. BASF SE Basic Information, Probiotic Systemic Resistance Inducer Spray Manufacturing Base, Sales Area and Its Competitors

Table 103. BASF SE Probiotic Systemic Resistance Inducer Spray Product Portfolios and Specifications

Table 104. BASF SE Probiotic Systemic Resistance Inducer Spray Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 105. BASF SE Main Business

Table 106. BASF SE Latest Developments

Table 107. UPL Limited Basic Information, Probiotic Systemic Resistance Inducer Spray Manufacturing Base, Sales Area and Its Competitors

Table 108. UPL Limited Probiotic Systemic Resistance Inducer Spray Product Portfolios and Specifications

Table 109. UPL Limited Probiotic Systemic Resistance Inducer Spray Sales (Tons),

Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 110. UPL Limited Main Business

Table 111. UPL Limited Latest Developments

Table 112. Corteva Agriscience Basic Information, Probiotic Systemic Resistance Inducer Spray Manufacturing Base, Sales Area and Its Competitors

Table 113. Corteva Agriscience Probiotic Systemic Resistance Inducer Spray Product Portfolios and Specifications

Table 114. Corteva Agriscience Probiotic Systemic Resistance Inducer Spray Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 115. Corteva Agriscience Main Business

Table 116. Corteva Agriscience Latest Developments

Table 117. FMC Corporation Basic Information, Probiotic Systemic Resistance Inducer Spray Manufacturing Base, Sales Area and Its Competitors

Table 118. FMC Corporation Probiotic Systemic Resistance Inducer Spray Product Portfolios and Specifications

Table 119. FMC Corporation Probiotic Systemic Resistance Inducer Spray Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 120. FMC Corporation Main Business

Table 121. FMC Corporation Latest Developments

Table 122. Novozymes Basic Information, Probiotic Systemic Resistance Inducer Spray Manufacturing Base, Sales Area and Its Competitors

Table 123. Novozymes Probiotic Systemic Resistance Inducer Spray Product Portfolios and Specifications

Table 124. Novozymes Probiotic Systemic Resistance Inducer Spray Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 125. Novozymes Main Business

Table 126. Novozymes Latest Developments

Table 127. Sumitomo Chemical Basic Information, Probiotic Systemic Resistance Inducer Spray Manufacturing Base, Sales Area and Its Competitors

Table 128. Sumitomo Chemical Probiotic Systemic Resistance Inducer Spray Product Portfolios and Specifications

Table 129. Sumitomo Chemical Probiotic Systemic Resistance Inducer Spray Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 130. Sumitomo Chemical Main Business

Table 131. Sumitomo Chemical Latest Developments

Table 132. Marrone Bio Innovations Basic Information, Probiotic Systemic Resistance Inducer Spray Manufacturing Base, Sales Area and Its Competitors

Table 133. Marrone Bio Innovations Probiotic Systemic Resistance Inducer Spray Product Portfolios and Specifications

Table 134. Marrone Bio Innovations Probiotic Systemic Resistance Inducer Spray Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 135. Marrone Bio Innovations Main Business

Table 136. Marrone Bio Innovations Latest Developments

Table 137. BioWorks Inc Basic Information, Probiotic Systemic Resistance Inducer Spray Manufacturing Base, Sales Area and Its Competitors

Table 138. BioWorks Inc Probiotic Systemic Resistance Inducer Spray Product Portfolios and Specifications

Table 139. BioWorks Inc Probiotic Systemic Resistance Inducer Spray Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 140. BioWorks Inc Main Business

Table 141. BioWorks Inc Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Probiotic Systemic Resistance Inducer Spray
- Figure 2. Probiotic Systemic Resistance Inducer Spray Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Probiotic Systemic Resistance Inducer Spray Sales Growth Rate 2021-2032 (Tons)
- Figure 7. Global Probiotic Systemic Resistance Inducer Spray Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Probiotic Systemic Resistance Inducer Spray Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Probiotic Systemic Resistance Inducer Spray Sales Market Share by Country/Region (2025)
- Figure 10. Probiotic Systemic Resistance Inducer Spray Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Oligosaccharide Based
- Figure 12. Product Picture of Chitosan and Derivatives
- Figure 13. Product Picture of Seaweed Extracts
- Figure 14. Product Picture of Plant Derived Polysaccharides
- Figure 15. Product Picture of Others
- Figure 16. Global Probiotic Systemic Resistance Inducer Spray Sales Market Share by Type in 2026
- Figure 17. Global Probiotic Systemic Resistance Inducer Spray Revenue Market Share by Type (2021-2026)
- Figure 18. Product Picture of Liquid Spray Concentrates
- Figure 19. Product Picture of Powder
- Figure 20. Product Picture of Microbial Suspension
- Figure 21. Global Probiotic Systemic Resistance Inducer Spray Sales Market Share by Formulation in 2026
- Figure 22. Global Probiotic Systemic Resistance Inducer Spray Revenue Market Share by Formulation (2021-2026)
- Figure 23. Product Picture of Preventive Disease Resistance
- Figure 24. Product Picture of Stress Mitigation
- Figure 25. Product Picture of Integrated Pest Management
- Figure 26. Product Picture of Others

Figure 27. Global Probiotic Systemic Resistance Inducer Spray Sales Market Share by Usage in 2026

Figure 28. Global Probiotic Systemic Resistance Inducer Spray Revenue Market Share by Usage (2021-2026)

Figure 29. Probiotic Systemic Resistance Inducer Spray Consumed in Commercial Farmers

Figure 30. Global Probiotic Systemic Resistance Inducer Spray Market: Commercial Farmers (2021-2026) & (Tons)

Figure 31. Probiotic Systemic Resistance Inducer Spray Consumed in Commodity Producers

Figure 32. Global Probiotic Systemic Resistance Inducer Spray Market: Commodity Producers (2021-2026) & (Tons)

Figure 33. Probiotic Systemic Resistance Inducer Spray Consumed in Organic and Specialty Crop Growers

Figure 34. Global Probiotic Systemic Resistance Inducer Spray Market: Organic and Specialty Crop Growers (2021-2026) & (Tons)

Figure 35. Probiotic Systemic Resistance Inducer Spray Consumed in Others

Figure 36. Global Probiotic Systemic Resistance Inducer Spray Market: Others (2021-2026) & (Tons)

Figure 37. Global Probiotic Systemic Resistance Inducer Spray Sale Market Share by Application (2025)

Figure 38. Global Probiotic Systemic Resistance Inducer Spray Revenue Market Share by Application in 2026

Figure 39. Probiotic Systemic Resistance Inducer Spray Sales by Company in 2026 (Tons)

Figure 40. Global Probiotic Systemic Resistance Inducer Spray Sales Market Share by Company in 2026

Figure 41. Probiotic Systemic Resistance Inducer Spray Revenue by Company in 2026 (\$ millions)

Figure 42. Global Probiotic Systemic Resistance Inducer Spray Revenue Market Share by Company in 2026

Figure 43. Global Probiotic Systemic Resistance Inducer Spray Sales Market Share by Geographic Region (2021-2026)

Figure 44. Global Probiotic Systemic Resistance Inducer Spray Revenue Market Share by Geographic Region in 2026

Figure 45. Americas Probiotic Systemic Resistance Inducer Spray Sales 2021-2026 (Tons)

Figure 46. Americas Probiotic Systemic Resistance Inducer Spray Revenue 2021-2026 (\$ millions)

Figure 47. APAC Probiotic Systemic Resistance Inducer Spray Sales 2021-2026 (Tons)

Figure 48. APAC Probiotic Systemic Resistance Inducer Spray Revenue 2021-2026 (\$ millions)

Figure 49. Europe Probiotic Systemic Resistance Inducer Spray Sales 2021-2026 (Tons)

Figure 50. Europe Probiotic Systemic Resistance Inducer Spray Revenue 2021-2026 (\$ millions)

Figure 51. Middle East & Africa Probiotic Systemic Resistance Inducer Spray Sales 2021-2026 (Tons)

Figure 52. Middle East & Africa Probiotic Systemic Resistance Inducer Spray Revenue 2021-2026 (\$ millions)

Figure 53. Americas Probiotic Systemic Resistance Inducer Spray Sales Market Share by Country in 2026

Figure 54. Americas Probiotic Systemic Resistance Inducer Spray Revenue Market Share by Country (2021-2026)

Figure 55. Americas Probiotic Systemic Resistance Inducer Spray Sales Market Share by Type (2021-2026)

Figure 56. Americas Probiotic Systemic Resistance Inducer Spray Sales Market Share by Application (2021-2026)

Figure 57. United States Probiotic Systemic Resistance Inducer Spray Revenue Growth 2021-2026 (\$ millions)

Figure 58. Canada Probiotic Systemic Resistance Inducer Spray Revenue Growth 2021-2026 (\$ millions)

Figure 59. Mexico Probiotic Systemic Resistance Inducer Spray Revenue Growth 2021-2026 (\$ millions)

Figure 60. Brazil Probiotic Systemic Resistance Inducer Spray Revenue Growth 2021-2026 (\$ millions)

Figure 61. APAC Probiotic Systemic Resistance Inducer Spray Sales Market Share by Region in 2026

Figure 62. APAC Probiotic Systemic Resistance Inducer Spray Revenue Market Share by Region (2021-2026)

Figure 63. APAC Probiotic Systemic Resistance Inducer Spray Sales Market Share by Type (2021-2026)

Figure 64. APAC Probiotic Systemic Resistance Inducer Spray Sales Market Share by Application (2021-2026)

Figure 65. China Probiotic Systemic Resistance Inducer Spray Revenue Growth 2021-2026 (\$ millions)

Figure 66. Japan Probiotic Systemic Resistance Inducer Spray Revenue Growth 2021-2026 (\$ millions)

- Figure 67. South Korea Probiotic Systemic Resistance Inducer Spray Revenue Growth 2021-2026 (\$ millions)
- Figure 68. Southeast Asia Probiotic Systemic Resistance Inducer Spray Revenue Growth 2021-2026 (\$ millions)
- Figure 69. India Probiotic Systemic Resistance Inducer Spray Revenue Growth 2021-2026 (\$ millions)
- Figure 70. Australia Probiotic Systemic Resistance Inducer Spray Revenue Growth 2021-2026 (\$ millions)
- Figure 71. China Taiwan Probiotic Systemic Resistance Inducer Spray Revenue Growth 2021-2026 (\$ millions)
- Figure 72. Europe Probiotic Systemic Resistance Inducer Spray Sales Market Share by Country in 2026
- Figure 73. Europe Probiotic Systemic Resistance Inducer Spray Revenue Market Share by Country (2021-2026)
- Figure 74. Europe Probiotic Systemic Resistance Inducer Spray Sales Market Share by Type (2021-2026)
- Figure 75. Europe Probiotic Systemic Resistance Inducer Spray Sales Market Share by Application (2021-2026)
- Figure 76. Germany Probiotic Systemic Resistance Inducer Spray Revenue Growth 2021-2026 (\$ millions)
- Figure 77. France Probiotic Systemic Resistance Inducer Spray Revenue Growth 2021-2026 (\$ millions)
- Figure 78. UK Probiotic Systemic Resistance Inducer Spray Revenue Growth 2021-2026 (\$ millions)
- Figure 79. Italy Probiotic Systemic Resistance Inducer Spray Revenue Growth 2021-2026 (\$ millions)
- Figure 80. Russia Probiotic Systemic Resistance Inducer Spray Revenue Growth 2021-2026 (\$ millions)
- Figure 81. Middle East & Africa Probiotic Systemic Resistance Inducer Spray Sales Market Share by Country (2021-2026)
- Figure 82. Middle East & Africa Probiotic Systemic Resistance Inducer Spray Sales Market Share by Type (2021-2026)
- Figure 83. Middle East & Africa Probiotic Systemic Resistance Inducer Spray Sales Market Share by Application (2021-2026)
- Figure 84. Egypt Probiotic Systemic Resistance Inducer Spray Revenue Growth 2021-2026 (\$ millions)
- Figure 85. South Africa Probiotic Systemic Resistance Inducer Spray Revenue Growth 2021-2026 (\$ millions)
- Figure 86. Israel Probiotic Systemic Resistance Inducer Spray Revenue Growth

2021-2026 (\$ millions)

Figure 87. Turkey Probiotic Systemic Resistance Inducer Spray Revenue Growth

2021-2026 (\$ millions)

Figure 88. GCC Countries Probiotic Systemic Resistance Inducer Spray Revenue

Growth 2021-2026 (\$ millions)

Figure 89. Manufacturing Cost Structure Analysis of Probiotic Systemic Resistance Inducer Spray in 2026

Figure 90. Manufacturing Process Analysis of Probiotic Systemic Resistance Inducer Spray

Figure 91. Industry Chain Structure of Probiotic Systemic Resistance Inducer Spray

Figure 92. Channels of Distribution

Figure 93. Global Probiotic Systemic Resistance Inducer Spray Sales Market Forecast by Region (2027-2032)

Figure 94. Global Probiotic Systemic Resistance Inducer Spray Revenue Market Share Forecast by Region (2027-2032)

Figure 95. Global Probiotic Systemic Resistance Inducer Spray Sales Market Share Forecast by Type (2027-2032)

Figure 96. Global Probiotic Systemic Resistance Inducer Spray Revenue Market Share Forecast by Type (2027-2032)

Figure 97. Global Probiotic Systemic Resistance Inducer Spray Sales Market Share Forecast by Application (2027-2032)

Figure 98. Global Probiotic Systemic Resistance Inducer Spray Revenue Market Share Forecast by Application (2027-2032)

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