

# Global Probiotic Systemic Resistance Inducer Spray Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/P4CE6AFEDE37EN.html>

Date: January 2026

Pages: 87

Price: US\$ 3,480.00 (Single User License)

ID: P4CE6AFEDE37EN

## Abstracts

According to our (Global Info Research) latest study, the global Probiotic Systemic Resistance Inducer Spray market size was valued at US\$ 227 million in 2025 and is forecast to a readjusted size of US\$ 513 million by 2032 with a CAGR of 12.3% during review period.

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 enhances 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.

This report is a detailed and comprehensive analysis for global Probiotic Systemic Resistance Inducer Spray market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand

trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

### **Key Features:**

Global Probiotic Systemic Resistance Inducer Spray market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Probiotic Systemic Resistance Inducer Spray market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Probiotic Systemic Resistance Inducer Spray market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Probiotic Systemic Resistance Inducer Spray market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2021-2026

### **The Primary Objectives in This Report Are:**

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Probiotic Systemic Resistance Inducer Spray
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Probiotic Systemic Resistance Inducer Spray market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Syngenta Group, Bayer CorpScience, BASF SE, UPL Limited, Corteva Agriscience, FMC Corporation, Novozymes, Sumitomo Chemical, Marrone Bio Innovations, BioWorks Inc, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## Market Segmentation

Probiotic Systemic Resistance Inducer Spray market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Type

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

### Market segment by Formulation

- Liquid Spray Concentrates
- Powder
- Microbial Suspension

### Market segment by Usage

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

## Market segment by Application

Commercial Farmers

Commodity Producers

Organic and Specialty Crop Growers

Others

## Major players covered

Syngenta Group

Bayer CorpScience

BASF SE

UPL Limited

Corteva Agriscience

FMC Corporation

Novozymes

Sumitomo Chemical

Marrone Bio Innovations

BioWorks Inc

Market segment by region, regional analysis covers  
North America (United States, Canada, and Mexico)  
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)  
South America (Brazil, Argentina, Colombia, and Rest of South America)  
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 15 chapters:**

Chapter 1, to describe Probiotic Systemic Resistance Inducer Spray product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Probiotic Systemic Resistance Inducer Spray, with price, sales quantity, revenue, and global market share of Probiotic Systemic Resistance Inducer Spray from 2021 to 2026.

Chapter 3, the Probiotic Systemic Resistance Inducer Spray competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Probiotic Systemic Resistance Inducer Spray breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Probiotic Systemic Resistance Inducer Spray market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Probiotic Systemic Resistance Inducer Spray.

Chapter 14 and 15, to describe Probiotic Systemic Resistance Inducer Spray sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Probiotic Systemic Resistance Inducer Spray Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 Oligosaccharide Based

1.3.3 Chitosan and Derivatives

1.3.4 Seaweed Extracts

1.3.5 Plant Derived Polysaccharides

1.3.6 Others

1.4 Market Analysis by Formulation

1.4.1 Overview: Global Probiotic Systemic Resistance Inducer Spray Consumption Value by Formulation: 2021 Versus 2025 Versus 2032

1.4.2 Liquid Spray Concentrates

1.4.3 Powder

1.4.4 Microbial Suspension

1.5 Market Analysis by Usage

1.5.1 Overview: Global Probiotic Systemic Resistance Inducer Spray Consumption Value by Usage: 2021 Versus 2025 Versus 2032

1.5.2 Preventive Disease Resistance

1.5.3 Stress Mitigation

1.5.4 Integrated Pest Management

1.5.5 Others

1.6 Market Analysis by Application

1.6.1 Overview: Global Probiotic Systemic Resistance Inducer Spray Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.6.2 Commercial Farmers

1.6.3 Commodity Producers

1.6.4 Organic and Specialty Crop Growers

1.6.5 Others

1.7 Global Probiotic Systemic Resistance Inducer Spray Market Size & Forecast

1.7.1 Global Probiotic Systemic Resistance Inducer Spray Consumption Value (2021 & 2025 & 2032)

1.7.2 Global Probiotic Systemic Resistance Inducer Spray Sales Quantity (2021-2032)

1.7.3 Global Probiotic Systemic Resistance Inducer Spray Average Price (2021-2032)

## 2 MANUFACTURERS PROFILES

### 2.1 Syngenta Group

2.1.1 Syngenta Group Details

2.1.2 Syngenta Group Major Business

2.1.3 Syngenta Group Probiotic Systemic Resistance Inducer Spray Product and Services

2.1.4 Syngenta Group Probiotic Systemic Resistance Inducer Spray Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.1.5 Syngenta Group Recent Developments/Updates

### 2.2 Bayer CorpScience

2.2.1 Bayer CorpScience Details

2.2.2 Bayer CorpScience Major Business

2.2.3 Bayer CorpScience Probiotic Systemic Resistance Inducer Spray Product and Services

2.2.4 Bayer CorpScience Probiotic Systemic Resistance Inducer Spray Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.2.5 Bayer CorpScience Recent Developments/Updates

### 2.3 BASF SE

2.3.1 BASF SE Details

2.3.2 BASF SE Major Business

2.3.3 BASF SE Probiotic Systemic Resistance Inducer Spray Product and Services

2.3.4 BASF SE Probiotic Systemic Resistance Inducer Spray Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.3.5 BASF SE Recent Developments/Updates

### 2.4 UPL Limited

2.4.1 UPL Limited Details

2.4.2 UPL Limited Major Business

2.4.3 UPL Limited Probiotic Systemic Resistance Inducer Spray Product and Services

2.4.4 UPL Limited Probiotic Systemic Resistance Inducer Spray Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.4.5 UPL Limited Recent Developments/Updates

### 2.5 Corteva Agriscience

2.5.1 Corteva Agriscience Details

2.5.2 Corteva Agriscience Major Business

2.5.3 Corteva Agriscience Probiotic Systemic Resistance Inducer Spray Product and Services

2.5.4 Corteva Agriscience Probiotic Systemic Resistance Inducer Spray Sales

Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.5.5 Corteva Agriscience Recent Developments/Updates

2.6 FMC Corporation

2.6.1 FMC Corporation Details

2.6.2 FMC Corporation Major Business

2.6.3 FMC Corporation Probiotic Systemic Resistance Inducer Spray Product and Services

2.6.4 FMC Corporation Probiotic Systemic Resistance Inducer Spray Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.6.5 FMC Corporation Recent Developments/Updates

2.7 Novozymes

2.7.1 Novozymes Details

2.7.2 Novozymes Major Business

2.7.3 Novozymes Probiotic Systemic Resistance Inducer Spray Product and Services

2.7.4 Novozymes Probiotic Systemic Resistance Inducer Spray Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.7.5 Novozymes Recent Developments/Updates

2.8 Sumitomo Chemical

2.8.1 Sumitomo Chemical Details

2.8.2 Sumitomo Chemical Major Business

2.8.3 Sumitomo Chemical Probiotic Systemic Resistance Inducer Spray Product and Services

2.8.4 Sumitomo Chemical Probiotic Systemic Resistance Inducer Spray Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.8.5 Sumitomo Chemical Recent Developments/Updates

2.9 Marrone Bio Innovations

2.9.1 Marrone Bio Innovations Details

2.9.2 Marrone Bio Innovations Major Business

2.9.3 Marrone Bio Innovations Probiotic Systemic Resistance Inducer Spray Product and Services

2.9.4 Marrone Bio Innovations Probiotic Systemic Resistance Inducer Spray Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.9.5 Marrone Bio Innovations Recent Developments/Updates

2.10 BioWorks Inc

2.10.1 BioWorks Inc Details

2.10.2 BioWorks Inc Major Business

2.10.3 BioWorks Inc Probiotic Systemic Resistance Inducer Spray Product and Services

2.10.4 BioWorks Inc Probiotic Systemic Resistance Inducer Spray Sales Quantity,

Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.10.5 BioWorks Inc Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: PROBIOTIC SYSTEMIC RESISTANCE INDUCER SPRAY BY MANUFACTURER**

3.1 Global Probiotic Systemic Resistance Inducer Spray Sales Quantity by Manufacturer (2021-2026)

3.2 Global Probiotic Systemic Resistance Inducer Spray Revenue by Manufacturer (2021-2026)

3.3 Global Probiotic Systemic Resistance Inducer Spray Average Price by Manufacturer (2021-2026)

3.4 Market Share Analysis (2025)

3.4.1 Producer Shipments of Probiotic Systemic Resistance Inducer Spray by Manufacturer Revenue (\$MM) and Market Share (%): 2025

3.4.2 Top 3 Probiotic Systemic Resistance Inducer Spray Manufacturer Market Share in 2025

3.4.3 Top 6 Probiotic Systemic Resistance Inducer Spray Manufacturer Market Share in 2025

3.5 Probiotic Systemic Resistance Inducer Spray Market: Overall Company Footprint Analysis

3.5.1 Probiotic Systemic Resistance Inducer Spray Market: Region Footprint

3.5.2 Probiotic Systemic Resistance Inducer Spray Market: Company Product Type Footprint

3.5.3 Probiotic Systemic Resistance Inducer Spray Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

### **4 CONSUMPTION ANALYSIS BY REGION**

4.1 Global Probiotic Systemic Resistance Inducer Spray Market Size by Region

4.1.1 Global Probiotic Systemic Resistance Inducer Spray Sales Quantity by Region (2021-2032)

4.1.2 Global Probiotic Systemic Resistance Inducer Spray Consumption Value by Region (2021-2032)

4.1.3 Global Probiotic Systemic Resistance Inducer Spray Average Price by Region (2021-2032)

4.2 North America Probiotic Systemic Resistance Inducer Spray Consumption Value

(2021-2032)

4.3 Europe Probiotic Systemic Resistance Inducer Spray Consumption Value

(2021-2032)

4.4 Asia-Pacific Probiotic Systemic Resistance Inducer Spray Consumption Value

(2021-2032)

4.5 South America Probiotic Systemic Resistance Inducer Spray Consumption Value

(2021-2032)

4.6 Middle East & Africa Probiotic Systemic Resistance Inducer Spray Consumption

Value (2021-2032)

## **5 MARKET SEGMENT BY TYPE**

5.1 Global Probiotic Systemic Resistance Inducer Spray Sales Quantity by Type

(2021-2032)

5.2 Global Probiotic Systemic Resistance Inducer Spray Consumption Value by Type

(2021-2032)

5.3 Global Probiotic Systemic Resistance Inducer Spray Average Price by Type

(2021-2032)

## **6 MARKET SEGMENT BY APPLICATION**

6.1 Global Probiotic Systemic Resistance Inducer Spray Sales Quantity by Application

(2021-2032)

6.2 Global Probiotic Systemic Resistance Inducer Spray Consumption Value by Application (2021-2032)

6.3 Global Probiotic Systemic Resistance Inducer Spray Average Price by Application

(2021-2032)

## **7 NORTH AMERICA**

7.1 North America Probiotic Systemic Resistance Inducer Spray Sales Quantity by Type (2021-2032)

7.2 North America Probiotic Systemic Resistance Inducer Spray Sales Quantity by Application (2021-2032)

7.3 North America Probiotic Systemic Resistance Inducer Spray Market Size by Country

7.3.1 North America Probiotic Systemic Resistance Inducer Spray Sales Quantity by Country (2021-2032)

7.3.2 North America Probiotic Systemic Resistance Inducer Spray Consumption Value by Country (2021-2032)

7.3.3 United States Market Size and Forecast (2021-2032)

7.3.4 Canada Market Size and Forecast (2021-2032)

7.3.5 Mexico Market Size and Forecast (2021-2032)

## **8 EUROPE**

8.1 Europe Probiotic Systemic Resistance Inducer Spray Sales Quantity by Type (2021-2032)

8.2 Europe Probiotic Systemic Resistance Inducer Spray Sales Quantity by Application (2021-2032)

8.3 Europe Probiotic Systemic Resistance Inducer Spray Market Size by Country

8.3.1 Europe Probiotic Systemic Resistance Inducer Spray Sales Quantity by Country (2021-2032)

8.3.2 Europe Probiotic Systemic Resistance Inducer Spray Consumption Value by Country (2021-2032)

8.3.3 Germany Market Size and Forecast (2021-2032)

8.3.4 France Market Size and Forecast (2021-2032)

8.3.5 United Kingdom Market Size and Forecast (2021-2032)

8.3.6 Russia Market Size and Forecast (2021-2032)

8.3.7 Italy Market Size and Forecast (2021-2032)

## **9 ASIA-PACIFIC**

9.1 Asia-Pacific Probiotic Systemic Resistance Inducer Spray Sales Quantity by Type (2021-2032)

9.2 Asia-Pacific Probiotic Systemic Resistance Inducer Spray Sales Quantity by Application (2021-2032)

9.3 Asia-Pacific Probiotic Systemic Resistance Inducer Spray Market Size by Region

9.3.1 Asia-Pacific Probiotic Systemic Resistance Inducer Spray Sales Quantity by Region (2021-2032)

9.3.2 Asia-Pacific Probiotic Systemic Resistance Inducer Spray Consumption Value by Region (2021-2032)

9.3.3 China Market Size and Forecast (2021-2032)

9.3.4 Japan Market Size and Forecast (2021-2032)

9.3.5 South Korea Market Size and Forecast (2021-2032)

9.3.6 India Market Size and Forecast (2021-2032)

9.3.7 Southeast Asia Market Size and Forecast (2021-2032)

9.3.8 Australia Market Size and Forecast (2021-2032)

## **10 SOUTH AMERICA**

10.1 South America Probiotic Systemic Resistance Inducer Spray Sales Quantity by Type (2021-2032)

10.2 South America Probiotic Systemic Resistance Inducer Spray Sales Quantity by Application (2021-2032)

10.3 South America Probiotic Systemic Resistance Inducer Spray Market Size by Country

10.3.1 South America Probiotic Systemic Resistance Inducer Spray Sales Quantity by Country (2021-2032)

10.3.2 South America Probiotic Systemic Resistance Inducer Spray Consumption Value by Country (2021-2032)

10.3.3 Brazil Market Size and Forecast (2021-2032)

10.3.4 Argentina Market Size and Forecast (2021-2032)

## **11 MIDDLE EAST & AFRICA**

11.1 Middle East & Africa Probiotic Systemic Resistance Inducer Spray Sales Quantity by Type (2021-2032)

11.2 Middle East & Africa Probiotic Systemic Resistance Inducer Spray Sales Quantity by Application (2021-2032)

11.3 Middle East & Africa Probiotic Systemic Resistance Inducer Spray Market Size by Country

11.3.1 Middle East & Africa Probiotic Systemic Resistance Inducer Spray Sales Quantity by Country (2021-2032)

11.3.2 Middle East & Africa Probiotic Systemic Resistance Inducer Spray Consumption Value by Country (2021-2032)

11.3.3 Turkey Market Size and Forecast (2021-2032)

11.3.4 Egypt Market Size and Forecast (2021-2032)

11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)

11.3.6 South Africa Market Size and Forecast (2021-2032)

## **12 MARKET DYNAMICS**

12.1 Probiotic Systemic Resistance Inducer Spray Market Drivers

12.2 Probiotic Systemic Resistance Inducer Spray Market Restraints

12.3 Probiotic Systemic Resistance Inducer Spray Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

- 12.4.2 Bargaining Power of Suppliers
- 12.4.3 Bargaining Power of Buyers
- 12.4.4 Threat of Substitutes
- 12.4.5 Competitive Rivalry

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

- 13.1 Raw Material of Probiotic Systemic Resistance Inducer Spray and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Probiotic Systemic Resistance Inducer Spray
- 13.3 Probiotic Systemic Resistance Inducer Spray Production Process
- 13.4 Industry Value Chain Analysis

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

- 14.1 Sales Channel
  - 14.1.1 Direct to End-User
  - 14.1.2 Distributors
- 14.2 Probiotic Systemic Resistance Inducer Spray Typical Distributors
- 14.3 Probiotic Systemic Resistance Inducer Spray Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

- Table 1. Global Probiotic Systemic Resistance Inducer Spray Consumption Value by Type, (USD Million), 2021 & 2025 & 2032
- Table 2. Global Probiotic Systemic Resistance Inducer Spray Consumption Value by Formulation, (USD Million), 2021 & 2025 & 2032
- Table 3. Global Probiotic Systemic Resistance Inducer Spray Consumption Value by Usage, (USD Million), 2021 & 2025 & 2032
- Table 4. Global Probiotic Systemic Resistance Inducer Spray Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Table 5. Syngenta Group Basic Information, Manufacturing Base and Competitors
- Table 6. Syngenta Group Major Business
- Table 7. Syngenta Group Probiotic Systemic Resistance Inducer Spray Product and Services
- Table 8. Syngenta Group Probiotic Systemic Resistance Inducer Spray Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 9. Syngenta Group Recent Developments/Updates
- Table 10. Bayer CorpScience Basic Information, Manufacturing Base and Competitors
- Table 11. Bayer CorpScience Major Business
- Table 12. Bayer CorpScience Probiotic Systemic Resistance Inducer Spray Product and Services
- Table 13. Bayer CorpScience Probiotic Systemic Resistance Inducer Spray Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 14. Bayer CorpScience Recent Developments/Updates
- Table 15. BASF SE Basic Information, Manufacturing Base and Competitors
- Table 16. BASF SE Major Business
- Table 17. BASF SE Probiotic Systemic Resistance Inducer Spray Product and Services
- Table 18. BASF SE Probiotic Systemic Resistance Inducer Spray Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 19. BASF SE Recent Developments/Updates
- Table 20. UPL Limited Basic Information, Manufacturing Base and Competitors
- Table 21. UPL Limited Major Business
- Table 22. UPL Limited Probiotic Systemic Resistance Inducer Spray Product and Services

Table 23. UPL Limited Probiotic Systemic Resistance Inducer Spray Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 24. UPL Limited Recent Developments/Updates

Table 25. Corteva Agriscience Basic Information, Manufacturing Base and Competitors

Table 26. Corteva Agriscience Major Business

Table 27. Corteva Agriscience Probiotic Systemic Resistance Inducer Spray Product and Services

Table 28. Corteva Agriscience Probiotic Systemic Resistance Inducer Spray Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 29. Corteva Agriscience Recent Developments/Updates

Table 30. FMC Corporation Basic Information, Manufacturing Base and Competitors

Table 31. FMC Corporation Major Business

Table 32. FMC Corporation Probiotic Systemic Resistance Inducer Spray Product and Services

Table 33. FMC Corporation Probiotic Systemic Resistance Inducer Spray Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 34. FMC Corporation Recent Developments/Updates

Table 35. Novozymes Basic Information, Manufacturing Base and Competitors

Table 36. Novozymes Major Business

Table 37. Novozymes Probiotic Systemic Resistance Inducer Spray Product and Services

Table 38. Novozymes Probiotic Systemic Resistance Inducer Spray Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 39. Novozymes Recent Developments/Updates

Table 40. Sumitomo Chemical Basic Information, Manufacturing Base and Competitors

Table 41. Sumitomo Chemical Major Business

Table 42. Sumitomo Chemical Probiotic Systemic Resistance Inducer Spray Product and Services

Table 43. Sumitomo Chemical Probiotic Systemic Resistance Inducer Spray Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 44. Sumitomo Chemical Recent Developments/Updates

Table 45. Marrone Bio Innovations Basic Information, Manufacturing Base and Competitors

Table 46. Marrone Bio Innovations Major Business

Table 47. Marrone Bio Innovations Probiotic Systemic Resistance Inducer Spray Product and Services

Table 48. Marrone Bio Innovations Probiotic Systemic Resistance Inducer Spray Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 49. Marrone Bio Innovations Recent Developments/Updates

Table 50. BioWorks Inc Basic Information, Manufacturing Base and Competitors

Table 51. BioWorks Inc Major Business

Table 52. BioWorks Inc Probiotic Systemic Resistance Inducer Spray Product and Services

Table 53. BioWorks Inc Probiotic Systemic Resistance Inducer Spray Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 54. BioWorks Inc Recent Developments/Updates

Table 55. Global Probiotic Systemic Resistance Inducer Spray Sales Quantity by Manufacturer (2021-2026) & (Tons)

Table 56. Global Probiotic Systemic Resistance Inducer Spray Revenue by Manufacturer (2021-2026) & (USD Million)

Table 57. Global Probiotic Systemic Resistance Inducer Spray Average Price by Manufacturer (2021-2026) & (US\$/Ton)

Table 58. Market Position of Manufacturers in Probiotic Systemic Resistance Inducer Spray, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 59. Head Office and Probiotic Systemic Resistance Inducer Spray Production Site of Key Manufacturer

Table 60. Probiotic Systemic Resistance Inducer Spray Market: Company Product Type Footprint

Table 61. Probiotic Systemic Resistance Inducer Spray Market: Company Product Application Footprint

Table 62. Probiotic Systemic Resistance Inducer Spray New Market Entrants and Barriers to Market Entry

Table 63. Probiotic Systemic Resistance Inducer Spray Mergers, Acquisition, Agreements, and Collaborations

Table 64. Global Probiotic Systemic Resistance Inducer Spray Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 65. Global Probiotic Systemic Resistance Inducer Spray Sales Quantity by Region (2021-2026) & (Tons)

Table 66. Global Probiotic Systemic Resistance Inducer Spray Sales Quantity by Region (2027-2032) & (Tons)

Table 67. Global Probiotic Systemic Resistance Inducer Spray Consumption Value by

Region (2021-2026) & (USD Million)

Table 68. Global Probiotic Systemic Resistance Inducer Spray Consumption Value by Region (2027-2032) & (USD Million)

Table 69. Global Probiotic Systemic Resistance Inducer Spray Average Price by Region (2021-2026) & (US\$/Ton)

Table 70. Global Probiotic Systemic Resistance Inducer Spray Average Price by Region (2027-2032) & (US\$/Ton)

Table 71. Global Probiotic Systemic Resistance Inducer Spray Sales Quantity by Type (2021-2026) & (Tons)

Table 72. Global Probiotic Systemic Resistance Inducer Spray Sales Quantity by Type (2027-2032) & (Tons)

Table 73. Global Probiotic Systemic Resistance Inducer Spray Consumption Value by Type (2021-2026) & (USD Million)

Table 74. Global Probiotic Systemic Resistance Inducer Spray Consumption Value by Type (2027-2032) & (USD Million)

Table 75. Global Probiotic Systemic Resistance Inducer Spray Average Price by Type (2021-2026) & (US\$/Ton)

Table 76. Global Probiotic Systemic Resistance Inducer Spray Average Price by Type (2027-2032) & (US\$/Ton)

Table 77. Global Probiotic Systemic Resistance Inducer Spray Sales Quantity by Application (2021-2026) & (Tons)

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

Table 79. Global Probiotic Systemic Resistance Inducer Spray Consumption Value by Application (2021-2026) & (USD Million)

Table 80. Global Probiotic Systemic Resistance Inducer Spray Consumption Value by Application (2027-2032) & (USD Million)

Table 81. Global Probiotic Systemic Resistance Inducer Spray Average Price by Application (2021-2026) & (US\$/Ton)

Table 82. Global Probiotic Systemic Resistance Inducer Spray Average Price by Application (2027-2032) & (US\$/Ton)

Table 83. North America Probiotic Systemic Resistance Inducer Spray Sales Quantity by Type (2021-2026) & (Tons)

Table 84. North America Probiotic Systemic Resistance Inducer Spray Sales Quantity by Type (2027-2032) & (Tons)

Table 85. North America Probiotic Systemic Resistance Inducer Spray Sales Quantity by Application (2021-2026) & (Tons)

Table 86. North America Probiotic Systemic Resistance Inducer Spray Sales Quantity by Application (2027-2032) & (Tons)

Table 87. North America Probiotic Systemic Resistance Inducer Spray Sales Quantity by Country (2021-2026) & (Tons)

Table 88. North America Probiotic Systemic Resistance Inducer Spray Sales Quantity by Country (2027-2032) & (Tons)

Table 89. North America Probiotic Systemic Resistance Inducer Spray Consumption Value by Country (2021-2026) & (USD Million)

Table 90. North America Probiotic Systemic Resistance Inducer Spray Consumption Value by Country (2027-2032) & (USD Million)

Table 91. Europe Probiotic Systemic Resistance Inducer Spray Sales Quantity by Type (2021-2026) & (Tons)

Table 92. Europe Probiotic Systemic Resistance Inducer Spray Sales Quantity by Type (2027-2032) & (Tons)

Table 93. Europe Probiotic Systemic Resistance Inducer Spray Sales Quantity by Application (2021-2026) & (Tons)

Table 94. Europe Probiotic Systemic Resistance Inducer Spray Sales Quantity by Application (2027-2032) & (Tons)

Table 95. Europe Probiotic Systemic Resistance Inducer Spray Sales Quantity by Country (2021-2026) & (Tons)

Table 96. Europe Probiotic Systemic Resistance Inducer Spray Sales Quantity by Country (2027-2032) & (Tons)

Table 97. Europe Probiotic Systemic Resistance Inducer Spray Consumption Value by Country (2021-2026) & (USD Million)

Table 98. Europe Probiotic Systemic Resistance Inducer Spray Consumption Value by Country (2027-2032) & (USD Million)

Table 99. Asia-Pacific Probiotic Systemic Resistance Inducer Spray Sales Quantity by Type (2021-2026) & (Tons)

Table 100. Asia-Pacific Probiotic Systemic Resistance Inducer Spray Sales Quantity by Type (2027-2032) & (Tons)

Table 101. Asia-Pacific Probiotic Systemic Resistance Inducer Spray Sales Quantity by Application (2021-2026) & (Tons)

Table 102. Asia-Pacific Probiotic Systemic Resistance Inducer Spray Sales Quantity by Application (2027-2032) & (Tons)

Table 103. Asia-Pacific Probiotic Systemic Resistance Inducer Spray Sales Quantity by Region (2021-2026) & (Tons)

Table 104. Asia-Pacific Probiotic Systemic Resistance Inducer Spray Sales Quantity by Region (2027-2032) & (Tons)

Table 105. Asia-Pacific Probiotic Systemic Resistance Inducer Spray Consumption Value by Region (2021-2026) & (USD Million)

Table 106. Asia-Pacific Probiotic Systemic Resistance Inducer Spray Consumption

Value by Region (2027-2032) & (USD Million)

Table 107. South America Probiotic Systemic Resistance Inducer Spray Sales Quantity by Type (2021-2026) & (Tons)

Table 108. South America Probiotic Systemic Resistance Inducer Spray Sales Quantity by Type (2027-2032) & (Tons)

Table 109. South America Probiotic Systemic Resistance Inducer Spray Sales Quantity by Application (2021-2026) & (Tons)

Table 110. South America Probiotic Systemic Resistance Inducer Spray Sales Quantity by Application (2027-2032) & (Tons)

Table 111. South America Probiotic Systemic Resistance Inducer Spray Sales Quantity by Country (2021-2026) & (Tons)

Table 112. South America Probiotic Systemic Resistance Inducer Spray Sales Quantity by Country (2027-2032) & (Tons)

Table 113. South America Probiotic Systemic Resistance Inducer Spray Consumption Value by Country (2021-2026) & (USD Million)

Table 114. South America Probiotic Systemic Resistance Inducer Spray Consumption Value by Country (2027-2032) & (USD Million)

Table 115. Middle East & Africa Probiotic Systemic Resistance Inducer Spray Sales Quantity by Type (2021-2026) & (Tons)

Table 116. Middle East & Africa Probiotic Systemic Resistance Inducer Spray Sales Quantity by Type (2027-2032) & (Tons)

Table 117. Middle East & Africa Probiotic Systemic Resistance Inducer Spray Sales Quantity by Application (2021-2026) & (Tons)

Table 118. Middle East & Africa Probiotic Systemic Resistance Inducer Spray Sales Quantity by Application (2027-2032) & (Tons)

Table 119. Middle East & Africa Probiotic Systemic Resistance Inducer Spray Sales Quantity by Country (2021-2026) & (Tons)

Table 120. Middle East & Africa Probiotic Systemic Resistance Inducer Spray Sales Quantity by Country (2027-2032) & (Tons)

Table 121. Middle East & Africa Probiotic Systemic Resistance Inducer Spray Consumption Value by Country (2021-2026) & (USD Million)

Table 122. Middle East & Africa Probiotic Systemic Resistance Inducer Spray Consumption Value by Country (2027-2032) & (USD Million)

Table 123. Probiotic Systemic Resistance Inducer Spray Raw Material

Table 124. Key Manufacturers of Probiotic Systemic Resistance Inducer Spray Raw Materials

Table 125. Probiotic Systemic Resistance Inducer Spray Typical Distributors

Table 126. Probiotic Systemic Resistance Inducer Spray Typical Customers

## List Of Figures

### LIST OF FIGURES

- Figure 1. Probiotic Systemic Resistance Inducer Spray Picture
- Figure 2. Global Probiotic Systemic Resistance Inducer Spray Revenue by Type, (USD Million), 2021 & 2025 & 2032
- Figure 3. Global Probiotic Systemic Resistance Inducer Spray Revenue Market Share by Type in 2025
- Figure 4. Oligosaccharide Based Examples
- Figure 5. Chitosan and Derivatives Examples
- Figure 6. Seaweed Extracts Examples
- Figure 7. Plant Derived Polysaccharides Examples
- Figure 8. Others Examples
- Figure 9. Global Probiotic Systemic Resistance Inducer Spray Revenue by Formulation, (USD Million), 2021 & 2025 & 2032
- Figure 10. Global Probiotic Systemic Resistance Inducer Spray Revenue Market Share by Formulation in 2025
- Figure 11. Liquid Spray Concentrates Examples
- Figure 12. Powder Examples
- Figure 13. Microbial Suspension Examples
- Figure 14. Global Probiotic Systemic Resistance Inducer Spray Revenue by Usage, (USD Million), 2021 & 2025 & 2032
- Figure 15. Global Probiotic Systemic Resistance Inducer Spray Revenue Market Share by Usage in 2025
- Figure 16. Preventive Disease Resistance Examples
- Figure 17. Stress Mitigation Examples
- Figure 18. Integrated Pest Management Examples
- Figure 19. Others Examples
- Figure 20. Global Probiotic Systemic Resistance Inducer Spray Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Figure 21. Global Probiotic Systemic Resistance Inducer Spray Revenue Market Share by Application in 2025
- Figure 22. Commercial Farmers Examples
- Figure 23. Commodity Producers Examples
- Figure 24. Organic and Specialty Crop Growers Examples
- Figure 25. Others Examples
- Figure 26. Global Probiotic Systemic Resistance Inducer Spray Consumption Value, (USD Million): 2021 & 2025 & 2032

Figure 27. Global Probiotic Systemic Resistance Inducer Spray Consumption Value and Forecast (2021-2032) & (USD Million)

Figure 28. Global Probiotic Systemic Resistance Inducer Spray Sales Quantity (2021-2032) & (Tons)

Figure 29. Global Probiotic Systemic Resistance Inducer Spray Price (2021-2032) & (US\$/Ton)

Figure 30. Global Probiotic Systemic Resistance Inducer Spray Sales Quantity Market Share by Manufacturer in 2025

Figure 31. Global Probiotic Systemic Resistance Inducer Spray Revenue Market Share by Manufacturer in 2025

Figure 32. Producer Shipments of Probiotic Systemic Resistance Inducer Spray by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 33. Top 3 Probiotic Systemic Resistance Inducer Spray Manufacturer (Revenue) Market Share in 2025

Figure 34. Top 6 Probiotic Systemic Resistance Inducer Spray Manufacturer (Revenue) Market Share in 2025

Figure 35. Global Probiotic Systemic Resistance Inducer Spray Sales Quantity Market Share by Region (2021-2032)

Figure 36. Global Probiotic Systemic Resistance Inducer Spray Consumption Value Market Share by Region (2021-2032)

Figure 37. North America Probiotic Systemic Resistance Inducer Spray Consumption Value (2021-2032) & (USD Million)

Figure 38. Europe Probiotic Systemic Resistance Inducer Spray Consumption Value (2021-2032) & (USD Million)

Figure 39. Asia-Pacific Probiotic Systemic Resistance Inducer Spray Consumption Value (2021-2032) & (USD Million)

Figure 40. South America Probiotic Systemic Resistance Inducer Spray Consumption Value (2021-2032) & (USD Million)

Figure 41. Middle East & Africa Probiotic Systemic Resistance Inducer Spray Consumption Value (2021-2032) & (USD Million)

Figure 42. Global Probiotic Systemic Resistance Inducer Spray Sales Quantity Market Share by Type (2021-2032)

Figure 43. Global Probiotic Systemic Resistance Inducer Spray Consumption Value Market Share by Type (2021-2032)

Figure 44. Global Probiotic Systemic Resistance Inducer Spray Average Price by Type (2021-2032) & (US\$/Ton)

Figure 45. Global Probiotic Systemic Resistance Inducer Spray Sales Quantity Market Share by Application (2021-2032)

Figure 46. Global Probiotic Systemic Resistance Inducer Spray Revenue Market Share

by Application (2021-2032)

Figure 47. Global Probiotic Systemic Resistance Inducer Spray Average Price by Application (2021-2032) & (US\$/Ton)

Figure 48. North America Probiotic Systemic Resistance Inducer Spray Sales Quantity Market Share by Type (2021-2032)

Figure 49. North America Probiotic Systemic Resistance Inducer Spray Sales Quantity Market Share by Application (2021-2032)

Figure 50. North America Probiotic Systemic Resistance Inducer Spray Sales Quantity Market Share by Country (2021-2032)

Figure 51. North America Probiotic Systemic Resistance Inducer Spray Consumption Value Market Share by Country (2021-2032)

Figure 52. United States Probiotic Systemic Resistance Inducer Spray Consumption Value (2021-2032) & (USD Million)

Figure 53. Canada Probiotic Systemic Resistance Inducer Spray Consumption Value (2021-2032) & (USD Million)

Figure 54. Mexico Probiotic Systemic Resistance Inducer Spray Consumption Value (2021-2032) & (USD Million)

Figure 55. Europe Probiotic Systemic Resistance Inducer Spray Sales Quantity Market Share by Type (2021-2032)

Figure 56. Europe Probiotic Systemic Resistance Inducer Spray Sales Quantity Market Share by Application (2021-2032)

Figure 57. Europe Probiotic Systemic Resistance Inducer Spray Sales Quantity Market Share by Country (2021-2032)

Figure 58. Europe Probiotic Systemic Resistance Inducer Spray Consumption Value Market Share by Country (2021-2032)

Figure 59. Germany Probiotic Systemic Resistance Inducer Spray Consumption Value (2021-2032) & (USD Million)

Figure 60. France Probiotic Systemic Resistance Inducer Spray Consumption Value (2021-2032) & (USD Million)

Figure 61. United Kingdom Probiotic Systemic Resistance Inducer Spray Consumption Value (2021-2032) & (USD Million)

Figure 62. Russia Probiotic Systemic Resistance Inducer Spray Consumption Value (2021-2032) & (USD Million)

Figure 63. Italy Probiotic Systemic Resistance Inducer Spray Consumption Value (2021-2032) & (USD Million)

Figure 64. Asia-Pacific Probiotic Systemic Resistance Inducer Spray Sales Quantity Market Share by Type (2021-2032)

Figure 65. Asia-Pacific Probiotic Systemic Resistance Inducer Spray Sales Quantity Market Share by Application (2021-2032)

Figure 66. Asia-Pacific Probiotic Systemic Resistance Inducer Spray Sales Quantity Market Share by Region (2021-2032)

Figure 67. Asia-Pacific Probiotic Systemic Resistance Inducer Spray Consumption Value Market Share by Region (2021-2032)

Figure 68. China Probiotic Systemic Resistance Inducer Spray Consumption Value (2021-2032) & (USD Million)

Figure 69. Japan Probiotic Systemic Resistance Inducer Spray Consumption Value (2021-2032) & (USD Million)

Figure 70. South Korea Probiotic Systemic Resistance Inducer Spray Consumption Value (2021-2032) & (USD Million)

Figure 71. India Probiotic Systemic Resistance Inducer Spray Consumption Value (2021-2032) & (USD Million)

Figure 72. Southeast Asia Probiotic Systemic Resistance Inducer Spray Consumption Value (2021-2032) & (USD Million)

Figure 73. Australia Probiotic Systemic Resistance Inducer Spray Consumption Value (2021-2032) & (USD Million)

Figure 74. South America Probiotic Systemic Resistance Inducer Spray Sales Quantity Market Share by Type (2021-2032)

Figure 75. South America Probiotic Systemic Resistance Inducer Spray Sales Quantity Market Share by Application (2021-2032)

Figure 76. South America Probiotic Systemic Resistance Inducer Spray Sales Quantity Market Share by Country (2021-2032)

Figure 77. South America Probiotic Systemic Resistance Inducer Spray Consumption Value Market Share by Country (2021-2032)

Figure 78. Brazil Probiotic Systemic Resistance Inducer Spray Consumption Value (2021-2032) & (USD Million)

Figure 79. Argentina Probiotic Systemic Resistance Inducer Spray Consumption Value (2021-2032) & (USD Million)

Figure 80. Middle East & Africa Probiotic Systemic Resistance Inducer Spray Sales Quantity Market Share by Type (2021-2032)

Figure 81. Middle East & Africa Probiotic Systemic Resistance Inducer Spray Sales Quantity Market Share by Application (2021-2032)

Figure 82. Middle East & Africa Probiotic Systemic Resistance Inducer Spray Sales Quantity Market Share by Country (2021-2032)

Figure 83. Middle East & Africa Probiotic Systemic Resistance Inducer Spray Consumption Value Market Share by Country (2021-2032)

Figure 84. Turkey Probiotic Systemic Resistance Inducer Spray Consumption Value (2021-2032) & (USD Million)

Figure 85. Egypt Probiotic Systemic Resistance Inducer Spray Consumption Value

(2021-2032) & (USD Million)

Figure 86. Saudi Arabia Probiotic Systemic Resistance Inducer Spray Consumption Value (2021-2032) & (USD Million)

Figure 87. South Africa Probiotic Systemic Resistance Inducer Spray Consumption Value (2021-2032) & (USD Million)

Figure 88. Probiotic Systemic Resistance Inducer Spray Market Drivers

Figure 89. Probiotic Systemic Resistance Inducer Spray Market Restraints

Figure 90. Probiotic Systemic Resistance Inducer Spray Market Trends

Figure 91. Porters Five Forces Analysis

Figure 92. Manufacturing Cost Structure Analysis of Probiotic Systemic Resistance Inducer Spray in 2025

Figure 93. Manufacturing Process Analysis of Probiotic Systemic Resistance Inducer Spray

Figure 94. Probiotic Systemic Resistance Inducer Spray Industrial Chain

Figure 95. Sales Channel: Direct to End-User vs Distributors

Figure 96. Direct Channel Pros & Cons

Figure 97. Indirect Channel Pros & Cons

Figure 98. Methodology

Figure 99. Research Process and Data Source

## I would like to order

Product name: Global Probiotic Systemic Resistance Inducer Spray Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/P4CE6AFEDE37EN.html>

Price: US\$ 3,480.00 (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/P4CE6AFEDE37EN.html>