

Global RNA Interference-based Biopesticides Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/G7CECAE45D86EN.html>

Date: December 2023

Pages: 92

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

ID: G7CECAE45D86EN

Abstracts

According to our (Global Info Research) latest study, the global RNA Interference-based Biopesticides market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period.

RNA interference-based biopesticides are a type of pest control technology that utilizes the natural biological process of RNA interference to target and control specific pests. RNA interference is a mechanism that regulates gene expression by inhibiting the translation of messenger RNA (mRNA) into proteins. In the context of biopesticides, RNAi is harnessed to interfere with essential genes in the pests, disrupting their biological processes and ultimately leading to their control.

Researchers design RNA molecules complementary to target genes, typically short interfering RNAs (siRNAs) or microRNAs (miRNAs). The designed RNA molecules are incorporated into the biopesticide formulation. The biopesticide can be applied to the target crops or areas where pests are present. Methods of delivery may include spraying, coating, or other application techniques.

Pests, such as insects or plant pathogens, come into contact with or ingest the biopesticide. Once inside the pest's cells, the RNA molecules bind to the complementary target mRNA, triggering the degradation or inhibition of that mRNA. As a result, the expression of the target gene is suppressed, disrupting the normal biological functions of the pest. The interference with essential genes in the pests can lead to a variety of effects, such as developmental abnormalities, reduced reproductive capabilities, or even death.

This approach offers targeted pest management with potential environmental benefits. Challenges include delivery methods and ensuring specificity without harming non-target organisms. Ongoing research aims to enhance the efficacy of RNAi biopesticides.

The Global Info Research report includes an overview of the development of the RNA Interference-based Biopesticides industry chain, the market status of Farmland (Plant-Incorporated Protectant (PIP), Non-PIP (Non-Plant-Incorporated Protectant)), Orchard (Plant-Incorporated Protectant (PIP), Non-PIP (Non-Plant-Incorporated Protectant)), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of RNA Interference-based Biopesticides.

Regionally, the report analyzes the RNA Interference-based Biopesticides markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global RNA Interference-based Biopesticides market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the RNA Interference-based Biopesticides market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the RNA Interference-based Biopesticides industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (Tons), revenue generated, and market share of different by Type (e.g., Plant-Incorporated Protectant (PIP), Non-PIP (Non-Plant-Incorporated Protectant)).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the RNA Interference-based Biopesticides market.

Regional Analysis: The report involves examining the RNA Interference-based Biopesticides market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the RNA Interference-based Biopesticides market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to RNA Interference-based Biopesticides:

Company Analysis: Report covers individual RNA Interference-based Biopesticides manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards RNA Interference-based Biopesticides. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Farmland, Orchard).

Technology Analysis: Report covers specific technologies relevant to RNA Interference-based Biopesticides. It assesses the current state, advancements, and potential future developments in RNA Interference-based Biopesticides areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the RNA Interference-based Biopesticides market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

RNA Interference-based Biopesticides market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and

forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Plant-Incorporated Protectant (PIP)

Non-PIP (Non-Plant-Incorporated Protectant)

Market segment by Application

Farmland

Orchard

Others

Major players covered

Bayer

Syngenta

BASF

Corteva

Greenlight Biosciences

RNAissance Ag

Pebble Labs

Renaissance BioScience

AgroSpheres

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 RNA Interference-based Biopesticides product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of RNA Interference-based Biopesticides, with price, sales, revenue and global market share of RNA Interference-based Biopesticides from 2018 to 2023.

Chapter 3, the RNA Interference-based Biopesticides competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the RNA Interference-based Biopesticides breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

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 2017 to 2022. and RNA Interference-based Biopesticides market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

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 RNA Interference-based Biopesticides.

Chapter 14 and 15, to describe RNA Interference-based Biopesticides sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of RNA Interference-based Biopesticides
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global RNA Interference-based Biopesticides Consumption Value by Type: 2018 Versus 2022 Versus 2029
 - 1.3.2 Plant-Incorporated Protectant (PIP)
 - 1.3.3 Non-PIP (Non-Plant-Incorporated Protectant)
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global RNA Interference-based Biopesticides Consumption Value by Application: 2018 Versus 2022 Versus 2029
 - 1.4.2 Farmland
 - 1.4.3 Orchard
 - 1.4.4 Others
- 1.5 Global RNA Interference-based Biopesticides Market Size & Forecast
 - 1.5.1 Global RNA Interference-based Biopesticides Consumption Value (2018 & 2022 & 2029)
 - 1.5.2 Global RNA Interference-based Biopesticides Sales Quantity (2018-2029)
 - 1.5.3 Global RNA Interference-based Biopesticides Average Price (2018-2029)

2 MANUFACTURERS PROFILES

- 2.1 Bayer
 - 2.1.1 Bayer Details
 - 2.1.2 Bayer Major Business
 - 2.1.3 Bayer RNA Interference-based Biopesticides Product and Services
 - 2.1.4 Bayer RNA Interference-based Biopesticides Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.1.5 Bayer Recent Developments/Updates
- 2.2 Syngenta
 - 2.2.1 Syngenta Details
 - 2.2.2 Syngenta Major Business
 - 2.2.3 Syngenta RNA Interference-based Biopesticides Product and Services
 - 2.2.4 Syngenta RNA Interference-based Biopesticides Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.2.5 Syngenta Recent Developments/Updates

2.3 BASF

2.3.1 BASF Details

2.3.2 BASF Major Business

2.3.3 BASF RNA Interference-based Biopesticides Product and Services

2.3.4 BASF RNA Interference-based Biopesticides Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.3.5 BASF Recent Developments/Updates

2.4 Corteva

2.4.1 Corteva Details

2.4.2 Corteva Major Business

2.4.3 Corteva RNA Interference-based Biopesticides Product and Services

2.4.4 Corteva RNA Interference-based Biopesticides Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.4.5 Corteva Recent Developments/Updates

2.5 Greenlight Biosciences

2.5.1 Greenlight Biosciences Details

2.5.2 Greenlight Biosciences Major Business

2.5.3 Greenlight Biosciences RNA Interference-based Biopesticides Product and Services

2.5.4 Greenlight Biosciences RNA Interference-based Biopesticides Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.5.5 Greenlight Biosciences Recent Developments/Updates

2.6 RNAissance Ag

2.6.1 RNAissance Ag Details

2.6.2 RNAissance Ag Major Business

2.6.3 RNAissance Ag RNA Interference-based Biopesticides Product and Services

2.6.4 RNAissance Ag RNA Interference-based Biopesticides Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.6.5 RNAissance Ag Recent Developments/Updates

2.7 Pebble Labs

2.7.1 Pebble Labs Details

2.7.2 Pebble Labs Major Business

2.7.3 Pebble Labs RNA Interference-based Biopesticides Product and Services

2.7.4 Pebble Labs RNA Interference-based Biopesticides Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.7.5 Pebble Labs Recent Developments/Updates

2.8 Renaissance BioScience

2.8.1 Renaissance BioScience Details

2.8.2 Renaissance BioScience Major Business

2.8.3 Renaissance BioScience RNA Interference-based Biopesticides Product and Services

2.8.4 Renaissance BioScience RNA Interference-based Biopesticides Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.8.5 Renaissance BioScience Recent Developments/Updates

2.9 AgroSpheres

2.9.1 AgroSpheres Details

2.9.2 AgroSpheres Major Business

2.9.3 AgroSpheres RNA Interference-based Biopesticides Product and Services

2.9.4 AgroSpheres RNA Interference-based Biopesticides Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.9.5 AgroSpheres Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: RNA INTERFERENCE-BASED BIOPESTICIDES BY MANUFACTURER

3.1 Global RNA Interference-based Biopesticides Sales Quantity by Manufacturer (2018-2023)

3.2 Global RNA Interference-based Biopesticides Revenue by Manufacturer (2018-2023)

3.3 Global RNA Interference-based Biopesticides Average Price by Manufacturer (2018-2023)

3.4 Market Share Analysis (2022)

3.4.1 Producer Shipments of RNA Interference-based Biopesticides by Manufacturer Revenue (\$MM) and Market Share (%): 2022

3.4.2 Top 3 RNA Interference-based Biopesticides Manufacturer Market Share in 2022

3.4.2 Top 6 RNA Interference-based Biopesticides Manufacturer Market Share in 2022

3.5 RNA Interference-based Biopesticides Market: Overall Company Footprint Analysis

3.5.1 RNA Interference-based Biopesticides Market: Region Footprint

3.5.2 RNA Interference-based Biopesticides Market: Company Product Type Footprint

3.5.3 RNA Interference-based Biopesticides 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 RNA Interference-based Biopesticides Market Size by Region

4.1.1 Global RNA Interference-based Biopesticides Sales Quantity by Region

(2018-2029)

4.1.2 Global RNA Interference-based Biopesticides Consumption Value by Region

(2018-2029)

4.1.3 Global RNA Interference-based Biopesticides Average Price by Region

(2018-2029)

4.2 North America RNA Interference-based Biopesticides Consumption Value

(2018-2029)

4.3 Europe RNA Interference-based Biopesticides Consumption Value (2018-2029)

4.4 Asia-Pacific RNA Interference-based Biopesticides Consumption Value (2018-2029)

4.5 South America RNA Interference-based Biopesticides Consumption Value

(2018-2029)

4.6 Middle East and Africa RNA Interference-based Biopesticides Consumption Value

(2018-2029)

5 MARKET SEGMENT BY TYPE

5.1 Global RNA Interference-based Biopesticides Sales Quantity by Type (2018-2029)

5.2 Global RNA Interference-based Biopesticides Consumption Value by Type

(2018-2029)

5.3 Global RNA Interference-based Biopesticides Average Price by Type (2018-2029)

6 MARKET SEGMENT BY APPLICATION

6.1 Global RNA Interference-based Biopesticides Sales Quantity by Application

(2018-2029)

6.2 Global RNA Interference-based Biopesticides Consumption Value by Application

(2018-2029)

6.3 Global RNA Interference-based Biopesticides Average Price by Application

(2018-2029)

7 NORTH AMERICA

7.1 North America RNA Interference-based Biopesticides Sales Quantity by Type

(2018-2029)

7.2 North America RNA Interference-based Biopesticides Sales Quantity by Application

(2018-2029)

7.3 North America RNA Interference-based Biopesticides Market Size by Country

7.3.1 North America RNA Interference-based Biopesticides Sales Quantity by Country

(2018-2029)

7.3.2 North America RNA Interference-based Biopesticides Consumption Value by Country (2018-2029)

7.3.3 United States Market Size and Forecast (2018-2029)

7.3.4 Canada Market Size and Forecast (2018-2029)

7.3.5 Mexico Market Size and Forecast (2018-2029)

8 EUROPE

8.1 Europe RNA Interference-based Biopesticides Sales Quantity by Type (2018-2029)

8.2 Europe RNA Interference-based Biopesticides Sales Quantity by Application (2018-2029)

8.3 Europe RNA Interference-based Biopesticides Market Size by Country

8.3.1 Europe RNA Interference-based Biopesticides Sales Quantity by Country (2018-2029)

8.3.2 Europe RNA Interference-based Biopesticides Consumption Value by Country (2018-2029)

8.3.3 Germany Market Size and Forecast (2018-2029)

8.3.4 France Market Size and Forecast (2018-2029)

8.3.5 United Kingdom Market Size and Forecast (2018-2029)

8.3.6 Russia Market Size and Forecast (2018-2029)

8.3.7 Italy Market Size and Forecast (2018-2029)

9 ASIA-PACIFIC

9.1 Asia-Pacific RNA Interference-based Biopesticides Sales Quantity by Type (2018-2029)

9.2 Asia-Pacific RNA Interference-based Biopesticides Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific RNA Interference-based Biopesticides Market Size by Region

9.3.1 Asia-Pacific RNA Interference-based Biopesticides Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific RNA Interference-based Biopesticides Consumption Value by Region (2018-2029)

9.3.3 China Market Size and Forecast (2018-2029)

9.3.4 Japan Market Size and Forecast (2018-2029)

9.3.5 Korea Market Size and Forecast (2018-2029)

9.3.6 India Market Size and Forecast (2018-2029)

9.3.7 Southeast Asia Market Size and Forecast (2018-2029)

9.3.8 Australia Market Size and Forecast (2018-2029)

10 SOUTH AMERICA

10.1 South America RNA Interference-based Biopesticides Sales Quantity by Type (2018-2029)

10.2 South America RNA Interference-based Biopesticides Sales Quantity by Application (2018-2029)

10.3 South America RNA Interference-based Biopesticides Market Size by Country

10.3.1 South America RNA Interference-based Biopesticides Sales Quantity by Country (2018-2029)

10.3.2 South America RNA Interference-based Biopesticides Consumption Value by Country (2018-2029)

10.3.3 Brazil Market Size and Forecast (2018-2029)

10.3.4 Argentina Market Size and Forecast (2018-2029)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa RNA Interference-based Biopesticides Sales Quantity by Type (2018-2029)

11.2 Middle East & Africa RNA Interference-based Biopesticides Sales Quantity by Application (2018-2029)

11.3 Middle East & Africa RNA Interference-based Biopesticides Market Size by Country

11.3.1 Middle East & Africa RNA Interference-based Biopesticides Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa RNA Interference-based Biopesticides Consumption Value by Country (2018-2029)

11.3.3 Turkey Market Size and Forecast (2018-2029)

11.3.4 Egypt Market Size and Forecast (2018-2029)

11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)

11.3.6 South Africa Market Size and Forecast (2018-2029)

12 MARKET DYNAMICS

12.1 RNA Interference-based Biopesticides Market Drivers

12.2 RNA Interference-based Biopesticides Market Restraints

12.3 RNA Interference-based Biopesticides 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 RNA Interference-based Biopesticides and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of RNA Interference-based Biopesticides
- 13.3 RNA Interference-based Biopesticides Production Process
- 13.4 RNA Interference-based Biopesticides Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 RNA Interference-based Biopesticides Typical Distributors
- 14.3 RNA Interference-based Biopesticides 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 RNA Interference-based Biopesticides Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global RNA Interference-based Biopesticides Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. Bayer Basic Information, Manufacturing Base and Competitors

Table 4. Bayer Major Business

Table 5. Bayer RNA Interference-based Biopesticides Product and Services

Table 6. Bayer RNA Interference-based Biopesticides Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. Bayer Recent Developments/Updates

Table 8. Syngenta Basic Information, Manufacturing Base and Competitors

Table 9. Syngenta Major Business

Table 10. Syngenta RNA Interference-based Biopesticides Product and Services

Table 11. Syngenta RNA Interference-based Biopesticides Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. Syngenta Recent Developments/Updates

Table 13. BASF Basic Information, Manufacturing Base and Competitors

Table 14. BASF Major Business

Table 15. BASF RNA Interference-based Biopesticides Product and Services

Table 16. BASF RNA Interference-based Biopesticides Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. BASF Recent Developments/Updates

Table 18. Corteva Basic Information, Manufacturing Base and Competitors

Table 19. Corteva Major Business

Table 20. Corteva RNA Interference-based Biopesticides Product and Services

Table 21. Corteva RNA Interference-based Biopesticides Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. Corteva Recent Developments/Updates

Table 23. Greenlight Biosciences Basic Information, Manufacturing Base and Competitors

Table 24. Greenlight Biosciences Major Business

Table 25. Greenlight Biosciences RNA Interference-based Biopesticides Product and Services

Table 26. Greenlight Biosciences RNA Interference-based Biopesticides Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. Greenlight Biosciences Recent Developments/Updates

Table 28. RNAissance Ag Basic Information, Manufacturing Base and Competitors

Table 29. RNAissance Ag Major Business

Table 30. RNAissance Ag RNA Interference-based Biopesticides Product and Services

Table 31. RNAissance Ag RNA Interference-based Biopesticides Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. RNAissance Ag Recent Developments/Updates

Table 33. Pebble Labs Basic Information, Manufacturing Base and Competitors

Table 34. Pebble Labs Major Business

Table 35. Pebble Labs RNA Interference-based Biopesticides Product and Services

Table 36. Pebble Labs RNA Interference-based Biopesticides Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. Pebble Labs Recent Developments/Updates

Table 38. Renaissance BioScience Basic Information, Manufacturing Base and Competitors

Table 39. Renaissance BioScience Major Business

Table 40. Renaissance BioScience RNA Interference-based Biopesticides Product and Services

Table 41. Renaissance BioScience RNA Interference-based Biopesticides Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. Renaissance BioScience Recent Developments/Updates

Table 43. AgroSpheres Basic Information, Manufacturing Base and Competitors

Table 44. AgroSpheres Major Business

Table 45. AgroSpheres RNA Interference-based Biopesticides Product and Services

Table 46. AgroSpheres RNA Interference-based Biopesticides Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. AgroSpheres Recent Developments/Updates

Table 48. Global RNA Interference-based Biopesticides Sales Quantity by Manufacturer (2018-2023) & (Tons)

Table 49. Global RNA Interference-based Biopesticides Revenue by Manufacturer (2018-2023) & (USD Million)

Table 50. Global RNA Interference-based Biopesticides Average Price by Manufacturer

(2018-2023) & (US\$/Ton)

Table 51. Market Position of Manufacturers in RNA Interference-based Biopesticides, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 52. Head Office and RNA Interference-based Biopesticides Production Site of Key Manufacturer

Table 53. RNA Interference-based Biopesticides Market: Company Product Type Footprint

Table 54. RNA Interference-based Biopesticides Market: Company Product Application Footprint

Table 55. RNA Interference-based Biopesticides New Market Entrants and Barriers to Market Entry

Table 56. RNA Interference-based Biopesticides Mergers, Acquisition, Agreements, and Collaborations

Table 57. Global RNA Interference-based Biopesticides Sales Quantity by Region (2018-2023) & (Tons)

Table 58. Global RNA Interference-based Biopesticides Sales Quantity by Region (2024-2029) & (Tons)

Table 59. Global RNA Interference-based Biopesticides Consumption Value by Region (2018-2023) & (USD Million)

Table 60. Global RNA Interference-based Biopesticides Consumption Value by Region (2024-2029) & (USD Million)

Table 61. Global RNA Interference-based Biopesticides Average Price by Region (2018-2023) & (US\$/Ton)

Table 62. Global RNA Interference-based Biopesticides Average Price by Region (2024-2029) & (US\$/Ton)

Table 63. Global RNA Interference-based Biopesticides Sales Quantity by Type (2018-2023) & (Tons)

Table 64. Global RNA Interference-based Biopesticides Sales Quantity by Type (2024-2029) & (Tons)

Table 65. Global RNA Interference-based Biopesticides Consumption Value by Type (2018-2023) & (USD Million)

Table 66. Global RNA Interference-based Biopesticides Consumption Value by Type (2024-2029) & (USD Million)

Table 67. Global RNA Interference-based Biopesticides Average Price by Type (2018-2023) & (US\$/Ton)

Table 68. Global RNA Interference-based Biopesticides Average Price by Type (2024-2029) & (US\$/Ton)

Table 69. Global RNA Interference-based Biopesticides Sales Quantity by Application (2018-2023) & (Tons)

Table 70. Global RNA Interference-based Biopesticides Sales Quantity by Application (2024-2029) & (Tons)

Table 71. Global RNA Interference-based Biopesticides Consumption Value by Application (2018-2023) & (USD Million)

Table 72. Global RNA Interference-based Biopesticides Consumption Value by Application (2024-2029) & (USD Million)

Table 73. Global RNA Interference-based Biopesticides Average Price by Application (2018-2023) & (US\$/Ton)

Table 74. Global RNA Interference-based Biopesticides Average Price by Application (2024-2029) & (US\$/Ton)

Table 75. North America RNA Interference-based Biopesticides Sales Quantity by Type (2018-2023) & (Tons)

Table 76. North America RNA Interference-based Biopesticides Sales Quantity by Type (2024-2029) & (Tons)

Table 77. North America RNA Interference-based Biopesticides Sales Quantity by Application (2018-2023) & (Tons)

Table 78. North America RNA Interference-based Biopesticides Sales Quantity by Application (2024-2029) & (Tons)

Table 79. North America RNA Interference-based Biopesticides Sales Quantity by Country (2018-2023) & (Tons)

Table 80. North America RNA Interference-based Biopesticides Sales Quantity by Country (2024-2029) & (Tons)

Table 81. North America RNA Interference-based Biopesticides Consumption Value by Country (2018-2023) & (USD Million)

Table 82. North America RNA Interference-based Biopesticides Consumption Value by Country (2024-2029) & (USD Million)

Table 83. Europe RNA Interference-based Biopesticides Sales Quantity by Type (2018-2023) & (Tons)

Table 84. Europe RNA Interference-based Biopesticides Sales Quantity by Type (2024-2029) & (Tons)

Table 85. Europe RNA Interference-based Biopesticides Sales Quantity by Application (2018-2023) & (Tons)

Table 86. Europe RNA Interference-based Biopesticides Sales Quantity by Application (2024-2029) & (Tons)

Table 87. Europe RNA Interference-based Biopesticides Sales Quantity by Country (2018-2023) & (Tons)

Table 88. Europe RNA Interference-based Biopesticides Sales Quantity by Country (2024-2029) & (Tons)

Table 89. Europe RNA Interference-based Biopesticides Consumption Value by

Country (2018-2023) & (USD Million)

Table 90. Europe RNA Interference-based Biopesticides Consumption Value by Country (2024-2029) & (USD Million)

Table 91. Asia-Pacific RNA Interference-based Biopesticides Sales Quantity by Type (2018-2023) & (Tons)

Table 92. Asia-Pacific RNA Interference-based Biopesticides Sales Quantity by Type (2024-2029) & (Tons)

Table 93. Asia-Pacific RNA Interference-based Biopesticides Sales Quantity by Application (2018-2023) & (Tons)

Table 94. Asia-Pacific RNA Interference-based Biopesticides Sales Quantity by Application (2024-2029) & (Tons)

Table 95. Asia-Pacific RNA Interference-based Biopesticides Sales Quantity by Region (2018-2023) & (Tons)

Table 96. Asia-Pacific RNA Interference-based Biopesticides Sales Quantity by Region (2024-2029) & (Tons)

Table 97. Asia-Pacific RNA Interference-based Biopesticides Consumption Value by Region (2018-2023) & (USD Million)

Table 98. Asia-Pacific RNA Interference-based Biopesticides Consumption Value by Region (2024-2029) & (USD Million)

Table 99. South America RNA Interference-based Biopesticides Sales Quantity by Type (2018-2023) & (Tons)

Table 100. South America RNA Interference-based Biopesticides Sales Quantity by Type (2024-2029) & (Tons)

Table 101. South America RNA Interference-based Biopesticides Sales Quantity by Application (2018-2023) & (Tons)

Table 102. South America RNA Interference-based Biopesticides Sales Quantity by Application (2024-2029) & (Tons)

Table 103. South America RNA Interference-based Biopesticides Sales Quantity by Country (2018-2023) & (Tons)

Table 104. South America RNA Interference-based Biopesticides Sales Quantity by Country (2024-2029) & (Tons)

Table 105. South America RNA Interference-based Biopesticides Consumption Value by Country (2018-2023) & (USD Million)

Table 106. South America RNA Interference-based Biopesticides Consumption Value by Country (2024-2029) & (USD Million)

Table 107. Middle East & Africa RNA Interference-based Biopesticides Sales Quantity by Type (2018-2023) & (Tons)

Table 108. Middle East & Africa RNA Interference-based Biopesticides Sales Quantity by Type (2024-2029) & (Tons)

Table 109. Middle East & Africa RNA Interference-based Biopesticides Sales Quantity by Application (2018-2023) & (Tons)

Table 110. Middle East & Africa RNA Interference-based Biopesticides Sales Quantity by Application (2024-2029) & (Tons)

Table 111. Middle East & Africa RNA Interference-based Biopesticides Sales Quantity by Region (2018-2023) & (Tons)

Table 112. Middle East & Africa RNA Interference-based Biopesticides Sales Quantity by Region (2024-2029) & (Tons)

Table 113. Middle East & Africa RNA Interference-based Biopesticides Consumption Value by Region (2018-2023) & (USD Million)

Table 114. Middle East & Africa RNA Interference-based Biopesticides Consumption Value by Region (2024-2029) & (USD Million)

Table 115. RNA Interference-based Biopesticides Raw Material

Table 116. Key Manufacturers of RNA Interference-based Biopesticides Raw Materials

Table 117. RNA Interference-based Biopesticides Typical Distributors

Table 118. RNA Interference-based Biopesticides Typical Customers

LIST OF FIGURE

s

Figure 1. RNA Interference-based Biopesticides Picture

Figure 2. Global RNA Interference-based Biopesticides Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global RNA Interference-based Biopesticides Consumption Value Market Share by Type in 2022

Figure 4. Plant-Incorporated Protectant (PIP) Examples

Figure 5. Non-PIP (Non-Plant-Incorporated Protectant) Examples

Figure 6. Global RNA Interference-based Biopesticides Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 7. Global RNA Interference-based Biopesticides Consumption Value Market Share by Application in 2022

Figure 8. Farmland Examples

Figure 9. Orchard Examples

Figure 10. Others Examples

Figure 11. Global RNA Interference-based Biopesticides Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 12. Global RNA Interference-based Biopesticides Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 13. Global RNA Interference-based Biopesticides Sales Quantity (2018-2029) & (Tons)

Figure 14. Global RNA Interference-based Biopesticides Average Price (2018-2029) & (US\$/Ton)

Figure 15. Global RNA Interference-based Biopesticides Sales Quantity Market Share by Manufacturer in 2022

Figure 16. Global RNA Interference-based Biopesticides Consumption Value Market Share by Manufacturer in 2022

Figure 17. Producer Shipments of RNA Interference-based Biopesticides by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 18. Top 3 RNA Interference-based Biopesticides Manufacturer (Consumption Value) Market Share in 2022

Figure 19. Top 6 RNA Interference-based Biopesticides Manufacturer (Consumption Value) Market Share in 2022

Figure 20. Global RNA Interference-based Biopesticides Sales Quantity Market Share by Region (2018-2029)

Figure 21. Global RNA Interference-based Biopesticides Consumption Value Market Share by Region (2018-2029)

Figure 22. North America RNA Interference-based Biopesticides Consumption Value (2018-2029) & (USD Million)

Figure 23. Europe RNA Interference-based Biopesticides Consumption Value (2018-2029) & (USD Million)

Figure 24. Asia-Pacific RNA Interference-based Biopesticides Consumption Value (2018-2029) & (USD Million)

Figure 25. South America RNA Interference-based Biopesticides Consumption Value (2018-2029) & (USD Million)

Figure 26. Middle East & Africa RNA Interference-based Biopesticides Consumption Value (2018-2029) & (USD Million)

Figure 27. Global RNA Interference-based Biopesticides Sales Quantity Market Share by Type (2018-2029)

Figure 28. Global RNA Interference-based Biopesticides Consumption Value Market Share by Type (2018-2029)

Figure 29. Global RNA Interference-based Biopesticides Average Price by Type (2018-2029) & (US\$/Ton)

Figure 30. Global RNA Interference-based Biopesticides Sales Quantity Market Share by Application (2018-2029)

Figure 31. Global RNA Interference-based Biopesticides Consumption Value Market Share by Application (2018-2029)

Figure 32. Global RNA Interference-based Biopesticides Average Price by Application (2018-2029) & (US\$/Ton)

Figure 33. North America RNA Interference-based Biopesticides Sales Quantity Market

Share by Type (2018-2029)

Figure 34. North America RNA Interference-based Biopesticides Sales Quantity Market Share by Application (2018-2029)

Figure 35. North America RNA Interference-based Biopesticides Sales Quantity Market Share by Country (2018-2029)

Figure 36. North America RNA Interference-based Biopesticides Consumption Value Market Share by Country (2018-2029)

Figure 37. United States RNA Interference-based Biopesticides Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 38. Canada RNA Interference-based Biopesticides Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 39. Mexico RNA Interference-based Biopesticides Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 40. Europe RNA Interference-based Biopesticides Sales Quantity Market Share by Type (2018-2029)

Figure 41. Europe RNA Interference-based Biopesticides Sales Quantity Market Share by Application (2018-2029)

Figure 42. Europe RNA Interference-based Biopesticides Sales Quantity Market Share by Country (2018-2029)

Figure 43. Europe RNA Interference-based Biopesticides Consumption Value Market Share by Country (2018-2029)

Figure 44. Germany RNA Interference-based Biopesticides Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 45. France RNA Interference-based Biopesticides Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 46. United Kingdom RNA Interference-based Biopesticides Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 47. Russia RNA Interference-based Biopesticides Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. Italy RNA Interference-based Biopesticides Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. Asia-Pacific RNA Interference-based Biopesticides Sales Quantity Market Share by Type (2018-2029)

Figure 50. Asia-Pacific RNA Interference-based Biopesticides Sales Quantity Market Share by Application (2018-2029)

Figure 51. Asia-Pacific RNA Interference-based Biopesticides Sales Quantity Market Share by Region (2018-2029)

Figure 52. Asia-Pacific RNA Interference-based Biopesticides Consumption Value Market Share by Region (2018-2029)

Figure 53. China RNA Interference-based Biopesticides Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 54. Japan RNA Interference-based Biopesticides Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 55. Korea RNA Interference-based Biopesticides Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 56. India RNA Interference-based Biopesticides Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. Southeast Asia RNA Interference-based Biopesticides Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. Australia RNA Interference-based Biopesticides Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. South America RNA Interference-based Biopesticides Sales Quantity Market Share by Type (2018-2029)

Figure 60. South America RNA Interference-based Biopesticides Sales Quantity Market Share by Application (2018-2029)

Figure 61. South America RNA Interference-based Biopesticides Sales Quantity Market Share by Country (2018-2029)

Figure 62. South America RNA Interference-based Biopesticides Consumption Value Market Share by Country (2018-2029)

Figure 63. Brazil RNA Interference-based Biopesticides Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 64. Argentina RNA Interference-based Biopesticides Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 65. Middle East & Africa RNA Interference-based Biopesticides Sales Quantity Market Share by Type (2018-2029)

Figure 66. Middle East & Africa RNA Interference-based Biopesticides Sales Quantity Market Share by Application (2018-2029)

Figure 67. Middle East & Africa RNA Interference-based Biopesticides Sales Quantity Market Share by Region (2018-2029)

Figure 68. Middle East & Africa RNA Interference-based Biopesticides Consumption Value Market Share by Region (2018-2029)

Figure 69. Turkey RNA Interference-based Biopesticides Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 70. Egypt RNA Interference-based Biopesticides Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 71. Saudi Arabia RNA Interference-based Biopesticides Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 72. South Africa RNA Interference-based Biopesticides Consumption Value and

Growth Rate (2018-2029) & (USD Million)

Figure 73. RNA Interference-based Biopesticides Market Drivers

Figure 74. RNA Interference-based Biopesticides Market Restraints

Figure 75. RNA Interference-based Biopesticides Market Trends

Figure 76. Porters Five Forces Analysis

Figure 77. Manufacturing Cost Structure Analysis of RNA Interference-based Biopesticides in 2022

Figure 78. Manufacturing Process Analysis of RNA Interference-based Biopesticides

Figure 79. RNA Interference-based Biopesticides Industrial Chain

Figure 80. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 81. Direct Channel Pros & Cons

Figure 82. Indirect Channel Pros & Cons

Figure 83. Methodology

Figure 84. Research Process and Data Source

I would like to order

Product name: Global RNA Interference-based Biopesticides Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: <https://marketpublishers.com/r/G7CECAE45D86EN.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

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G7CECAE45D86EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

