

# Global Synthetic Biology in Agriculture and Food Market Research Report 2024(Status and Outlook)

<https://marketpublishers.com/r/G0C00FFDBE07EN.html>

Date: July 2024

Pages: 146

Price: US\$ 3,200.00 (Single User License)

ID: G0C00FFDBE07EN

## Abstracts

Report Overview:

The Global Synthetic Biology in Agriculture and Food Market Size was estimated at USD 153.88 million in 2023 and is projected to reach USD 185.89 million by 2029, exhibiting a CAGR of 3.20% during the forecast period.

This report provides a deep insight into the global Synthetic Biology in Agriculture and Food market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, Porter's five forces analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Synthetic Biology in Agriculture and Food Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Synthetic Biology in Agriculture and Food market in any manner.

## Global Synthetic Biology in Agriculture and Food Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

### Key Company

AgBiome

Agrivida

Arzeda

Cargill

Amyris

Gingko Bioworks

BASF

Bayer

Genscript Biotech

Concentric Agriculture

Evolva Holding SA

Pivot Bio

Precigen

Benson Hill Biosystems

Cibus

Codexis

Ginkgo Bioworks

Twist Bioscience

Market Segmentation (by Type)

Combinatorial DNA Library

CRISPR/Cas9 Genome Editing

Next-Generation DNA Sequencing

Bioinformatics Technologies

Market Segmentation (by Application)

Agriculture Industry

Food Industry

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

### Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Synthetic Biology in Agriculture and Food Market

Overview of the regional outlook of the Synthetic Biology in Agriculture and Food Market:

### Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

## Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Note: this report may need to undergo a final check or review and this could take about 48 hours.

## Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Synthetic Biology in Agriculture and Food Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the Market's Competitive Landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

## Contents

### **1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE**

- 1.1 Market Definition and Statistical Scope of Synthetic Biology in Agriculture and Food
- 1.2 Key Market Segments
  - 1.2.1 Synthetic Biology in Agriculture and Food Segment by Type
  - 1.2.2 Synthetic Biology in Agriculture and Food Segment by Application
- 1.3 Methodology & Sources of Information
  - 1.3.1 Research Methodology
  - 1.3.2 Research Process
  - 1.3.3 Market Breakdown and Data Triangulation
  - 1.3.4 Base Year
  - 1.3.5 Report Assumptions & Caveats

### **2 SYNTHETIC BIOLOGY IN AGRICULTURE AND FOOD MARKET OVERVIEW**

- 2.1 Global Market Overview
  - 2.1.1 Global Synthetic Biology in Agriculture and Food Market Size (M USD) Estimates and Forecasts (2019-2030)
  - 2.1.2 Global Synthetic Biology in Agriculture and Food Sales Estimates and Forecasts (2019-2030)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

### **3 SYNTHETIC BIOLOGY IN AGRICULTURE AND FOOD MARKET COMPETITIVE LANDSCAPE**

- 3.1 Global Synthetic Biology in Agriculture and Food Sales by Manufacturers (2019-2024)
- 3.2 Global Synthetic Biology in Agriculture and Food Revenue Market Share by Manufacturers (2019-2024)
- 3.3 Synthetic Biology in Agriculture and Food Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.4 Global Synthetic Biology in Agriculture and Food Average Price by Manufacturers (2019-2024)
- 3.5 Manufacturers Synthetic Biology in Agriculture and Food Sales Sites, Area Served, Product Type
- 3.6 Synthetic Biology in Agriculture and Food Market Competitive Situation and Trends



- 3.6.1 Synthetic Biology in Agriculture and Food Market Concentration Rate
- 3.6.2 Global 5 and 10 Largest Synthetic Biology in Agriculture and Food Players Market Share by Revenue
- 3.6.3 Mergers & Acquisitions, Expansion

## **4 SYNTHETIC BIOLOGY IN AGRICULTURE AND FOOD INDUSTRY CHAIN ANALYSIS**

- 4.1 Synthetic Biology in Agriculture and Food Industry Chain Analysis
- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

## **5 THE DEVELOPMENT AND DYNAMICS OF SYNTHETIC BIOLOGY IN AGRICULTURE AND FOOD MARKET**

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Market Restraints
- 5.5 Industry News
  - 5.5.1 New Product Developments
  - 5.5.2 Mergers & Acquisitions
  - 5.5.3 Expansions
  - 5.5.4 Collaboration/Supply Contracts
- 5.6 Industry Policies

## **6 SYNTHETIC BIOLOGY IN AGRICULTURE AND FOOD MARKET SEGMENTATION BY TYPE**

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global Synthetic Biology in Agriculture and Food Sales Market Share by Type (2019-2024)
- 6.3 Global Synthetic Biology in Agriculture and Food Market Size Market Share by Type (2019-2024)
- 6.4 Global Synthetic Biology in Agriculture and Food Price by Type (2019-2024)

## **7 SYNTHETIC BIOLOGY IN AGRICULTURE AND FOOD MARKET SEGMENTATION BY APPLICATION**

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Synthetic Biology in Agriculture and Food Market Sales by Application (2019-2024)
- 7.3 Global Synthetic Biology in Agriculture and Food Market Size (M USD) by Application (2019-2024)
- 7.4 Global Synthetic Biology in Agriculture and Food Sales Growth Rate by Application (2019-2024)

## **8 SYNTHETIC BIOLOGY IN AGRICULTURE AND FOOD MARKET SEGMENTATION BY REGION**

- 8.1 Global Synthetic Biology in Agriculture and Food Sales by Region
  - 8.1.1 Global Synthetic Biology in Agriculture and Food Sales by Region
  - 8.1.2 Global Synthetic Biology in Agriculture and Food Sales Market Share by Region
- 8.2 North America
  - 8.2.1 North America Synthetic Biology in Agriculture and Food Sales by Country
  - 8.2.2 U.S.
  - 8.2.3 Canada
  - 8.2.4 Mexico
- 8.3 Europe
  - 8.3.1 Europe Synthetic Biology in Agriculture and Food Sales by Country
  - 8.3.2 Germany
  - 8.3.3 France
  - 8.3.4 U.K.
  - 8.3.5 Italy
  - 8.3.6 Russia
- 8.4 Asia Pacific
  - 8.4.1 Asia Pacific Synthetic Biology in Agriculture and Food Sales by Region
  - 8.4.2 China
  - 8.4.3 Japan
  - 8.4.4 South Korea
  - 8.4.5 India
  - 8.4.6 Southeast Asia
- 8.5 South America
  - 8.5.1 South America Synthetic Biology in Agriculture and Food Sales by Country
  - 8.5.2 Brazil
  - 8.5.3 Argentina
  - 8.5.4 Columbia

## 8.6 Middle East and Africa

### 8.6.1 Middle East and Africa Synthetic Biology in Agriculture and Food Sales by Region

8.6.2 Saudi Arabia

8.6.3 UAE

8.6.4 Egypt

8.6.5 Nigeria

8.6.6 South Africa

## 9 KEY COMPANIES PROFILE

### 9.1 AgBiome

9.1.1 AgBiome Synthetic Biology in Agriculture and Food Basic Information

9.1.2 AgBiome Synthetic Biology in Agriculture and Food Product Overview

9.1.3 AgBiome Synthetic Biology in Agriculture and Food Product Market Performance

9.1.4 AgBiome Business Overview

9.1.5 AgBiome Synthetic Biology in Agriculture and Food SWOT Analysis

9.1.6 AgBiome Recent Developments

### 9.2 Agrivida

9.2.1 Agrivida Synthetic Biology in Agriculture and Food Basic Information

9.2.2 Agrivida Synthetic Biology in Agriculture and Food Product Overview

9.2.3 Agrivida Synthetic Biology in Agriculture and Food Product Market Performance

9.2.4 Agrivida Business Overview

9.2.5 Agrivida Synthetic Biology in Agriculture and Food SWOT Analysis

9.2.6 Agrivida Recent Developments

### 9.3 Arzeda

9.3.1 Arzeda Synthetic Biology in Agriculture and Food Basic Information

9.3.2 Arzeda Synthetic Biology in Agriculture and Food Product Overview

9.3.3 Arzeda Synthetic Biology in Agriculture and Food Product Market Performance

9.3.4 Arzeda Synthetic Biology in Agriculture and Food SWOT Analysis

9.3.5 Arzeda Business Overview

9.3.6 Arzeda Recent Developments

### 9.4 Cargill

9.4.1 Cargill Synthetic Biology in Agriculture and Food Basic Information

9.4.2 Cargill Synthetic Biology in Agriculture and Food Product Overview

9.4.3 Cargill Synthetic Biology in Agriculture and Food Product Market Performance

9.4.4 Cargill Business Overview

9.4.5 Cargill Recent Developments

### 9.5 Amyris

- 9.5.1 Amyris Synthetic Biology in Agriculture and Food Basic Information
- 9.5.2 Amyris Synthetic Biology in Agriculture and Food Product Overview
- 9.5.3 Amyris Synthetic Biology in Agriculture and Food Product Market Performance
- 9.5.4 Amyris Business Overview
- 9.5.5 Amyris Recent Developments
- 9.6 Gingko Bioworks
  - 9.6.1 Gingko Bioworks Synthetic Biology in Agriculture and Food Basic Information
  - 9.6.2 Gingko Bioworks Synthetic Biology in Agriculture and Food Product Overview
  - 9.6.3 Gingko Bioworks Synthetic Biology in Agriculture and Food Product Market Performance
  - 9.6.4 Gingko Bioworks Business Overview
  - 9.6.5 Gingko Bioworks Recent Developments
- 9.7 BASF
  - 9.7.1 BASF Synthetic Biology in Agriculture and Food Basic Information
  - 9.7.2 BASF Synthetic Biology in Agriculture and Food Product Overview
  - 9.7.3 BASF Synthetic Biology in Agriculture and Food Product Market Performance
  - 9.7.4 BASF Business Overview
  - 9.7.5 BASF Recent Developments
- 9.8 Bayer
  - 9.8.1 Bayer Synthetic Biology in Agriculture and Food Basic Information
  - 9.8.2 Bayer Synthetic Biology in Agriculture and Food Product Overview
  - 9.8.3 Bayer Synthetic Biology in Agriculture and Food Product Market Performance
  - 9.8.4 Bayer Business Overview
  - 9.8.5 Bayer Recent Developments
- 9.9 Genscript Biotech
  - 9.9.1 Genscript Biotech Synthetic Biology in Agriculture and Food Basic Information
  - 9.9.2 Genscript Biotech Synthetic Biology in Agriculture and Food Product Overview
  - 9.9.3 Genscript Biotech Synthetic Biology in Agriculture and Food Product Market Performance
  - 9.9.4 Genscript Biotech Business Overview
  - 9.9.5 Genscript Biotech Recent Developments
- 9.10 Concentric Agriculture
  - 9.10.1 Concentric Agriculture Synthetic Biology in Agriculture and Food Basic Information
  - 9.10.2 Concentric Agriculture Synthetic Biology in Agriculture and Food Product Overview
  - 9.10.3 Concentric Agriculture Synthetic Biology in Agriculture and Food Product Market Performance
  - 9.10.4 Concentric Agriculture Business Overview

- 9.10.5 Concentric Agriculture Recent Developments
- 9.11 Evolva Holding SA
  - 9.11.1 Evolva Holding SA Synthetic Biology in Agriculture and Food Basic Information
  - 9.11.2 Evolva Holding SA Synthetic Biology in Agriculture and Food Product Overview
  - 9.11.3 Evolva Holding SA Synthetic Biology in Agriculture and Food Product Market Performance
  - 9.11.4 Evolva Holding SA Business Overview
  - 9.11.5 Evolva Holding SA Recent Developments
- 9.12 Pivot Bio
  - 9.12.1 Pivot Bio Synthetic Biology in Agriculture and Food Basic Information
  - 9.12.2 Pivot Bio Synthetic Biology in Agriculture and Food Product Overview
  - 9.12.3 Pivot Bio Synthetic Biology in Agriculture and Food Product Market Performance
  - 9.12.4 Pivot Bio Business Overview
  - 9.12.5 Pivot Bio Recent Developments
- 9.13 Precigen
  - 9.13.1 Precigen Synthetic Biology in Agriculture and Food Basic Information
  - 9.13.2 Precigen Synthetic Biology in Agriculture and Food Product Overview
  - 9.13.3 Precigen Synthetic Biology in Agriculture and Food Product Market Performance
  - 9.13.4 Precigen Business Overview
  - 9.13.5 Precigen Recent Developments
- 9.14 Benson Hill Biosystems
  - 9.14.1 Benson Hill Biosystems Synthetic Biology in Agriculture and Food Basic Information
  - 9.14.2 Benson Hill Biosystems Synthetic Biology in Agriculture and Food Product Overview
  - 9.14.3 Benson Hill Biosystems Synthetic Biology in Agriculture and Food Product Market Performance
  - 9.14.4 Benson Hill Biosystems Business Overview
  - 9.14.5 Benson Hill Biosystems Recent Developments
- 9.15 Cibus
  - 9.15.1 Cibus Synthetic Biology in Agriculture and Food Basic Information
  - 9.15.2 Cibus Synthetic Biology in Agriculture and Food Product Overview
  - 9.15.3 Cibus Synthetic Biology in Agriculture and Food Product Market Performance
  - 9.15.4 Cibus Business Overview
  - 9.15.5 Cibus Recent Developments
- 9.16 Codexis
  - 9.16.1 Codexis Synthetic Biology in Agriculture and Food Basic Information

- 9.16.2 Codexis Synthetic Biology in Agriculture and Food Product Overview
- 9.16.3 Codexis Synthetic Biology in Agriculture and Food Product Market Performance
- 9.16.4 Codexis Business Overview
- 9.16.5 Codexis Recent Developments

#### 9.17 Ginkgo Bioworks

- 9.17.1 Ginkgo Bioworks Synthetic Biology in Agriculture and Food Basic Information
- 9.17.2 Ginkgo Bioworks Synthetic Biology in Agriculture and Food Product Overview
- 9.17.3 Ginkgo Bioworks Synthetic Biology in Agriculture and Food Product Market Performance
- 9.17.4 Ginkgo Bioworks Business Overview
- 9.17.5 Ginkgo Bioworks Recent Developments

#### 9.18 Twist Bioscience

- 9.18.1 Twist Bioscience Synthetic Biology in Agriculture and Food Basic Information
- 9.18.2 Twist Bioscience Synthetic Biology in Agriculture and Food Product Overview
- 9.18.3 Twist Bioscience Synthetic Biology in Agriculture and Food Product Market Performance
- 9.18.4 Twist Bioscience Business Overview
- 9.18.5 Twist Bioscience Recent Developments

## **10 SYNTHETIC BIOLOGY IN AGRICULTURE AND FOOD MARKET FORECAST BY REGION**

- 10.1 Global Synthetic Biology in Agriculture and Food Market Size Forecast
- 10.2 Global Synthetic Biology in Agriculture and Food Market Forecast by Region
  - 10.2.1 North America Market Size Forecast by Country
  - 10.2.2 Europe Synthetic Biology in Agriculture and Food Market Size Forecast by Country
  - 10.2.3 Asia Pacific Synthetic Biology in Agriculture and Food Market Size Forecast by Region
  - 10.2.4 South America Synthetic Biology in Agriculture and Food Market Size Forecast by Country
  - 10.2.5 Middle East and Africa Forecasted Consumption of Synthetic Biology in Agriculture and Food by Country

## **11 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2030)**

- 11.1 Global Synthetic Biology in Agriculture and Food Market Forecast by Type (2025-2030)
  - 11.1.1 Global Forecasted Sales of Synthetic Biology in Agriculture and Food by Type

(2025-2030)

11.1.2 Global Synthetic Biology in Agriculture and Food Market Size Forecast by Type (2025-2030)

11.1.3 Global Forecasted Price of Synthetic Biology in Agriculture and Food by Type (2025-2030)

11.2 Global Synthetic Biology in Agriculture and Food Market Forecast by Application (2025-2030)

11.2.1 Global Synthetic Biology in Agriculture and Food Sales (Kilotons) Forecast by Application

11.2.2 Global Synthetic Biology in Agriculture and Food Market Size (M USD) Forecast by Application (2025-2030)

## **12 CONCLUSION AND KEY FINDINGS**



## List Of Tables

### LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Market Size (M USD) Segment Executive Summary

Table 4. Synthetic Biology in Agriculture and Food Market Size Comparison by Region (M USD)

Table 5. Global Synthetic Biology in Agriculture and Food Sales (Kilotons) by Manufacturers (2019-2024)

Table 6. Global Synthetic Biology in Agriculture and Food Sales Market Share by Manufacturers (2019-2024)

Table 7. Global Synthetic Biology in Agriculture and Food Revenue (M USD) by Manufacturers (2019-2024)

Table 8. Global Synthetic Biology in Agriculture and Food Revenue Share by Manufacturers (2019-2024)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Synthetic Biology in Agriculture and Food as of 2022)

Table 10. Global Market Synthetic Biology in Agriculture and Food Average Price (USD/Ton) of Key Manufacturers (2019-2024)

Table 11. Manufacturers Synthetic Biology in Agriculture and Food Sales Sites and Area Served

Table 12. Manufacturers Synthetic Biology in Agriculture and Food Product Type

Table 13. Global Synthetic Biology in Agriculture and Food Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Industry Chain Map of Synthetic Biology in Agriculture and Food

Table 16. Market Overview of Key Raw Materials

Table 17. Midstream Market Analysis

Table 18. Downstream Customer Analysis

Table 19. Key Development Trends

Table 20. Driving Factors

Table 21. Synthetic Biology in Agriculture and Food Market Challenges

Table 22. Global Synthetic Biology in Agriculture and Food Sales by Type (Kilotons)

Table 23. Global Synthetic Biology in Agriculture and Food Market Size by Type (M USD)

Table 24. Global Synthetic Biology in Agriculture and Food Sales (Kilotons) by Type (2019-2024)



Table 25. Global Synthetic Biology in Agriculture and Food Sales Market Share by Type (2019-2024)

Table 26. Global Synthetic Biology in Agriculture and Food Market Size (M USD) by Type (2019-2024)

Table 27. Global Synthetic Biology in Agriculture and Food Market Size Share by Type (2019-2024)

Table 28. Global Synthetic Biology in Agriculture and Food Price (USD/Ton) by Type (2019-2024)

Table 29. Global Synthetic Biology in Agriculture and Food Sales (Kilotons) by Application

Table 30. Global Synthetic Biology in Agriculture and Food Market Size by Application

Table 31. Global Synthetic Biology in Agriculture and Food Sales by Application (2019-2024) & (Kilotons)

Table 32. Global Synthetic Biology in Agriculture and Food Sales Market Share by Application (2019-2024)

Table 33. Global Synthetic Biology in Agriculture and Food Sales by Application (2019-2024) & (M USD)

Table 34. Global Synthetic Biology in Agriculture and Food Market Share by Application (2019-2024)

Table 35. Global Synthetic Biology in Agriculture and Food Sales Growth Rate by Application (2019-2024)

Table 36. Global Synthetic Biology in Agriculture and Food Sales by Region (2019-2024) & (Kilotons)

Table 37. Global Synthetic Biology in Agriculture and Food Sales Market Share by Region (2019-2024)

Table 38. North America Synthetic Biology in Agriculture and Food Sales by Country (2019-2024) & (Kilotons)

Table 39. Europe Synthetic Biology in Agriculture and Food Sales by Country (2019-2024) & (Kilotons)

Table 40. Asia Pacific Synthetic Biology in Agriculture and Food Sales by Region (2019-2024) & (Kilotons)

Table 41. South America Synthetic Biology in Agriculture and Food Sales by Country (2019-2024) & (Kilotons)

Table 42. Middle East and Africa Synthetic Biology in Agriculture and Food Sales by Region (2019-2024) & (Kilotons)

Table 43. AgBiome Synthetic Biology in Agriculture and Food Basic Information

Table 44. AgBiome Synthetic Biology in Agriculture and Food Product Overview

Table 45. AgBiome Synthetic Biology in Agriculture and Food Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 46. AgBiome Business Overview

Table 47. AgBiome Synthetic Biology in Agriculture and Food SWOT Analysis

Table 48. AgBiome Recent Developments

Table 49. Agrivida Synthetic Biology in Agriculture and Food Basic Information

Table 50. Agrivida Synthetic Biology in Agriculture and Food Product Overview

Table 51. Agrivida Synthetic Biology in Agriculture and Food Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 52. Agrivida Business Overview

Table 53. Agrivida Synthetic Biology in Agriculture and Food SWOT Analysis

Table 54. Agrivida Recent Developments

Table 55. Arzeda Synthetic Biology in Agriculture and Food Basic Information

Table 56. Arzeda Synthetic Biology in Agriculture and Food Product Overview

Table 57. Arzeda Synthetic Biology in Agriculture and Food Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 58. Arzeda Synthetic Biology in Agriculture and Food SWOT Analysis

Table 59. Arzeda Business Overview

Table 60. Arzeda Recent Developments

Table 61. Cargill Synthetic Biology in Agriculture and Food Basic Information

Table 62. Cargill Synthetic Biology in Agriculture and Food Product Overview

Table 63. Cargill Synthetic Biology in Agriculture and Food Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 64. Cargill Business Overview

Table 65. Cargill Recent Developments

Table 66. Amyris Synthetic Biology in Agriculture and Food Basic Information

Table 67. Amyris Synthetic Biology in Agriculture and Food Product Overview

Table 68. Amyris Synthetic Biology in Agriculture and Food Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 69. Amyris Business Overview

Table 70. Amyris Recent Developments

Table 71. Gingko Bioworks Synthetic Biology in Agriculture and Food Basic Information

Table 72. Gingko Bioworks Synthetic Biology in Agriculture and Food Product Overview

Table 73. Gingko Bioworks Synthetic Biology in Agriculture and Food Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 74. Gingko Bioworks Business Overview

Table 75. Gingko Bioworks Recent Developments

Table 76. BASF Synthetic Biology in Agriculture and Food Basic Information

Table 77. BASF Synthetic Biology in Agriculture and Food Product Overview

Table 78. BASF Synthetic Biology in Agriculture and Food Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 79. BASF Business Overview

Table 80. BASF Recent Developments

Table 81. Bayer Synthetic Biology in Agriculture and Food Basic Information

Table 82. Bayer Synthetic Biology in Agriculture and Food Product Overview

Table 83. Bayer Synthetic Biology in Agriculture and Food Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 84. Bayer Business Overview

Table 85. Bayer Recent Developments

Table 86. Genscript Biotech Synthetic Biology in Agriculture and Food Basic Information

Table 87. Genscript Biotech Synthetic Biology in Agriculture and Food Product Overview

Table 88. Genscript Biotech Synthetic Biology in Agriculture and Food Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 89. Genscript Biotech Business Overview

Table 90. Genscript Biotech Recent Developments

Table 91. Concentric Agriculture Synthetic Biology in Agriculture and Food Basic Information

Table 92. Concentric Agriculture Synthetic Biology in Agriculture and Food Product Overview

Table 93. Concentric Agriculture Synthetic Biology in Agriculture and Food Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 94. Concentric Agriculture Business Overview

Table 95. Concentric Agriculture Recent Developments

Table 96. Evolva Holding SA Synthetic Biology in Agriculture and Food Basic Information

Table 97. Evolva Holding SA Synthetic Biology in Agriculture and Food Product Overview

Table 98. Evolva Holding SA Synthetic Biology in Agriculture and Food Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 99. Evolva Holding SA Business Overview

Table 100. Evolva Holding SA Recent Developments

Table 101. Pivot Bio Synthetic Biology in Agriculture and Food Basic Information

Table 102. Pivot Bio Synthetic Biology in Agriculture and Food Product Overview

Table 103. Pivot Bio Synthetic Biology in Agriculture and Food Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 104. Pivot Bio Business Overview

Table 105. Pivot Bio Recent Developments

Table 106. Precigen Synthetic Biology in Agriculture and Food Basic Information

Table 107. Precigen Synthetic Biology in Agriculture and Food Product Overview

Table 108. Precigen Synthetic Biology in Agriculture and Food Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 109. Precigen Business Overview

Table 110. Precigen Recent Developments

Table 111. Benson Hill Biosystems Synthetic Biology in Agriculture and Food Basic Information

Table 112. Benson Hill Biosystems Synthetic Biology in Agriculture and Food Product Overview

Table 113. Benson Hill Biosystems Synthetic Biology in Agriculture and Food Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 114. Benson Hill Biosystems Business Overview

Table 115. Benson Hill Biosystems Recent Developments

Table 116. Cibus Synthetic Biology in Agriculture and Food Basic Information

Table 117. Cibus Synthetic Biology in Agriculture and Food Product Overview

Table 118. Cibus Synthetic Biology in Agriculture and Food Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 119. Cibus Business Overview

Table 120. Cibus Recent Developments

Table 121. Codexis Synthetic Biology in Agriculture and Food Basic Information

Table 122. Codexis Synthetic Biology in Agriculture and Food Product Overview

Table 123. Codexis Synthetic Biology in Agriculture and Food Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 124. Codexis Business Overview

Table 125. Codexis Recent Developments

Table 126. Ginkgo Bioworks Synthetic Biology in Agriculture and Food Basic Information

Table 127. Ginkgo Bioworks Synthetic Biology in Agriculture and Food Product Overview

Table 128. Ginkgo Bioworks Synthetic Biology in Agriculture and Food Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 129. Ginkgo Bioworks Business Overview

Table 130. Ginkgo Bioworks Recent Developments

Table 131. Twist Bioscience Synthetic Biology in Agriculture and Food Basic Information

Table 132. Twist Bioscience Synthetic Biology in Agriculture and Food Product Overview

Table 133. Twist Bioscience Synthetic Biology in Agriculture and Food Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

Table 134. Twist Bioscience Business Overview

Table 135. Twist Bioscience Recent Developments

Table 136. Global Synthetic Biology in Agriculture and Food Sales Forecast by Region (2025-2030) & (Kilotons)

Table 137. Global Synthetic Biology in Agriculture and Food Market Size Forecast by Region (2025-2030) & (M USD)

Table 138. North America Synthetic Biology in Agriculture and Food Sales Forecast by Country (2025-2030) & (Kilotons)

Table 139. North America Synthetic Biology in Agriculture and Food Market Size Forecast by Country (2025-2030) & (M USD)

Table 140. Europe Synthetic Biology in Agriculture and Food Sales Forecast by Country (2025-2030) & (Kilotons)

Table 141. Europe Synthetic Biology in Agriculture and Food Market Size Forecast by Country (2025-2030) & (M USD)

Table 142. Asia Pacific Synthetic Biology in Agriculture and Food Sales Forecast by Region (2025-2030) & (Kilotons)

Table 143. Asia Pacific Synthetic Biology in Agriculture and Food Market Size Forecast by Region (2025-2030) & (M USD)

Table 144. South America Synthetic Biology in Agriculture and Food Sales Forecast by Country (2025-2030) & (Kilotons)

Table 145. South America Synthetic Biology in Agriculture and Food Market Size Forecast by Country (2025-2030) & (M USD)

Table 146. Middle East and Africa Synthetic Biology in Agriculture and Food Consumption Forecast by Country (2025-2030) & (Units)

Table 147. Middle East and Africa Synthetic Biology in Agriculture and Food Market Size Forecast by Country (2025-2030) & (M USD)

Table 148. Global Synthetic Biology in Agriculture and Food Sales Forecast by Type (2025-2030) & (Kilotons)

Table 149. Global Synthetic Biology in Agriculture and Food Market Size Forecast by Type (2025-2030) & (M USD)

Table 150. Global Synthetic Biology in Agriculture and Food Price Forecast by Type (2025-2030) & (USD/Ton)

Table 151. Global Synthetic Biology in Agriculture and Food Sales (Kilotons) Forecast by Application (2025-2030)

Table 152. Global Synthetic Biology in Agriculture and Food Market Size Forecast by Application (2025-2030) & (M USD)



## List Of Figures

### LIST OF FIGURES

Figure 1. Product Picture of Synthetic Biology in Agriculture and Food

Figure 2. Data Triangulation

Figure 3. Key Caveats

Figure 4. Global Synthetic Biology in Agriculture and Food Market Size (M USD), 2019-2030

Figure 5. Global Synthetic Biology in Agriculture and Food Market Size (M USD) (2019-2030)

Figure 6. Global Synthetic Biology in Agriculture and Food Sales (Kilotons) & (2019-2030)

Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 9. Evaluation Matrix of Regional Market Development Potential

Figure 10. Synthetic Biology in Agriculture and Food Market Size by Country (M USD)

Figure 11. Synthetic Biology in Agriculture and Food Sales Share by Manufacturers in 2023

Figure 12. Global Synthetic Biology in Agriculture and Food Revenue Share by Manufacturers in 2023

Figure 13. Synthetic Biology in Agriculture and Food Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023

Figure 14. Global Market Synthetic Biology in Agriculture and Food Average Price (USD/Ton) of Key Manufacturers in 2023

Figure 15. The Global 5 and 10 Largest Players: Market Share by Synthetic Biology in Agriculture and Food Revenue in 2023

Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 17. Global Synthetic Biology in Agriculture and Food Market Share by Type

Figure 18. Sales Market Share of Synthetic Biology in Agriculture and Food by Type (2019-2024)

Figure 19. Sales Market Share of Synthetic Biology in Agriculture and Food by Type in 2023

Figure 20. Market Size Share of Synthetic Biology in Agriculture and Food by Type (2019-2024)

Figure 21. Market Size Market Share of Synthetic Biology in Agriculture and Food by Type in 2023

Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 23. Global Synthetic Biology in Agriculture and Food Market Share by

## Application

Figure 24. Global Synthetic Biology in Agriculture and Food Sales Market Share by Application (2019-2024)

Figure 25. Global Synthetic Biology in Agriculture and Food Sales Market Share by Application in 2023

Figure 26. Global Synthetic Biology in Agriculture and Food Market Share by Application (2019-2024)

Figure 27. Global Synthetic Biology in Agriculture and Food Market Share by Application in 2023

Figure 28. Global Synthetic Biology in Agriculture and Food Sales Growth Rate by Application (2019-2024)

Figure 29. Global Synthetic Biology in Agriculture and Food Sales Market Share by Region (2019-2024)

Figure 30. North America Synthetic Biology in Agriculture and Food Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 31. North America Synthetic Biology in Agriculture and Food Sales Market Share by Country in 2023

Figure 32. U.S. Synthetic Biology in Agriculture and Food Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 33. Canada Synthetic Biology in Agriculture and Food Sales (Kilotons) and Growth Rate (2019-2024)

Figure 34. Mexico Synthetic Biology in Agriculture and Food Sales (Units) and Growth Rate (2019-2024)

Figure 35. Europe Synthetic Biology in Agriculture and Food Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 36. Europe Synthetic Biology in Agriculture and Food Sales Market Share by Country in 2023

Figure 37. Germany Synthetic Biology in Agriculture and Food Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 38. France Synthetic Biology in Agriculture and Food Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 39. U.K. Synthetic Biology in Agriculture and Food Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 40. Italy Synthetic Biology in Agriculture and Food Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 41. Russia Synthetic Biology in Agriculture and Food Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 42. Asia Pacific Synthetic Biology in Agriculture and Food Sales and Growth Rate (Kilotons)

Figure 43. Asia Pacific Synthetic Biology in Agriculture and Food Sales Market Share by Region in 2023

Figure 44. China Synthetic Biology in Agriculture and Food Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 45. Japan Synthetic Biology in Agriculture and Food Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 46. South Korea Synthetic Biology in Agriculture and Food Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 47. India Synthetic Biology in Agriculture and Food Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 48. Southeast Asia Synthetic Biology in Agriculture and Food Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 49. South America Synthetic Biology in Agriculture and Food Sales and Growth Rate (Kilotons)

Figure 50. South America Synthetic Biology in Agriculture and Food Sales Market Share by Country in 2023

Figure 51. Brazil Synthetic Biology in Agriculture and Food Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 52. Argentina Synthetic Biology in Agriculture and Food Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 53. Columbia Synthetic Biology in Agriculture and Food Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 54. Middle East and Africa Synthetic Biology in Agriculture and Food Sales and Growth Rate (Kilotons)

Figure 55. Middle East and Africa Synthetic Biology in Agriculture and Food Sales Market Share by Region in 2023

Figure 56. Saudi Arabia Synthetic Biology in Agriculture and Food Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 57. UAE Synthetic Biology in Agriculture and Food Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 58. Egypt Synthetic Biology in Agriculture and Food Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 59. Nigeria Synthetic Biology in Agriculture and Food Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 60. South Africa Synthetic Biology in Agriculture and Food Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 61. Global Synthetic Biology in Agriculture and Food Sales Forecast by Volume (2019-2030) & (Kilotons)

Figure 62. Global Synthetic Biology in Agriculture and Food Market Size Forecast by



Value (2019-2030) & (M USD)

Figure 63. Global Synthetic Biology in Agriculture and Food Sales Market Share Forecast by Type (2025-2030)

Figure 64. Global Synthetic Biology in Agriculture and Food Market Share Forecast by Type (2025-2030)

Figure 65. Global Synthetic Biology in Agriculture and Food Sales Forecast by Application (2025-2030)

Figure 66. Global Synthetic Biology in Agriculture and Food Market Share Forecast by Application (2025-2030)

## I would like to order

Product name: Global Synthetic Biology in Agriculture and Food Market Research Report 2024(Status and Outlook)

Product link: <https://marketpublishers.com/r/G0C00FFDBE07EN.html>

Price: US\$ 3,200.00 (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/G0C00FFDBE07EN.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

