

Global Crop Breeding Chip Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/G0E365440481EN.html>

Date: August 2026

Pages: 94

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

ID: G0E365440481EN

Abstracts

According to our (Global Info Research) latest study, the global Crop Breeding Chip market size was valued at US\$ 56.26 million in 2025 and is forecast to a readjusted size of US\$ 85.68 million by 2032 with a CAGR of 5.0% during review period.

A crop breeding chip is a DNA microarray or sequencing-based genotyping tool developed specifically for plants, allowing breeders to rapidly analyze thousands to millions of genetic markers across a crop's genome. By detecting single nucleotide polymorphisms (SNPs) and other variations, these chips make it possible to identify and track desirable traits such as yield, quality, disease resistance, or stress tolerance with high accuracy. They provide a standardized, high-throughput, and cost-efficient way to integrate molecular data into breeding programs, thereby shortening selection cycles, improving prediction power, and supporting precision breeding strategies in modern agriculture.

The upstream segment of the crop breeding chip industry focuses on the development and production inputs necessary to create the chips. It includes the collection and analysis of plant genetic resources, such as germplasm and DNA samples, and the identification of genetic markers through biotechnology and sequencing. In addition, upstream suppliers provide chip design, reagents, substrates, and microarray or semiconductor manufacturing services that enable high-throughput genotyping.

The downstream segment centers on the application and commercialization of these chips. Major users include seed companies, crop breeding institutes, and agricultural research organizations, which apply chip-based genotyping to accelerate marker-assisted selection, trait analysis, and variety improvement. Ultimately, the results benefit

farmers and agribusinesses through the development of high-yield, stress-resistant, and disease-tolerant crop varieties. In short, upstream activities provide the technological foundation for chip production, while downstream activities translate that technology into practical breeding innovations and commercial seed products.

In 2025, global Crop Breeding Chip production reached approximately 1953 k Pcs, with an average global market price of around 28 USD/ Pc,.The production capacity for Crop Breeding Chip in 2025 was approximately 2500 k Pcs. The typical gross profit margin for Crop Breeding Chip between 20% and 40%.

The crop breeding chip market is primarily driven by seed industry modernization, wider adoption of molecular breeding technologies, agricultural digitalization, and rising demand for high-yield, high-quality, disease-resistant, and stress-tolerant crop varieties. As breeding programs shift from traditional phenotype-based selection toward the combined use of genotype and phenotype data, demand for cost-effective, high-throughput, and customizable genotyping tools is increasing among research institutes, seed companies, agricultural technology service providers, and germplasm resource centers. The market is gradually expanding from high-density universal arrays toward lower-cost liquid-phase chips, trait-specific customized panels, and multi-species-compatible platforms, while becoming more closely integrated with next-generation sequencing, artificial intelligence-assisted breeding, phenomics, and breeding databases. Suppliers with proprietary marker resources, chip design capabilities, bioinformatics platforms, and downstream breeding services are expected to gain stronger competitive positions.

This report is a detailed and comprehensive analysis for global Crop Breeding Chip 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 Crop Breeding Chip market size and forecasts, in consumption value (\$ Million), sales quantity (K Pcs), and average selling prices (US\$/Pc), 2021-2032

Global Crop Breeding Chip market size and forecasts by region and country, in

consumption value (\$ Million), sales quantity (K Pcs), and average selling prices (US\$/Pc), 2021-2032

Global Crop Breeding Chip market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Pcs), and average selling prices (US\$/Pc), 2021-2032

Global Crop Breeding Chip market shares of main players, shipments in revenue (\$ Million), sales quantity (K Pcs), and ASP (US\$/Pc), 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 Crop Breeding Chip

- 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 Crop Breeding Chip 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 Thermo Fisher Scientific, Agilent, Illumina, 7nsect, Lasso Biochip Technology, GreenFaFa, etc.

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

Market Segmentation

Crop Breeding Chip 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

Solid-phase Chip

Liquid-phase Chip

Market segment by Product Design

Semi-custom Chips

Fully Custom Chips

Market segment by Marker Density

Low-density Crop Breeding Chips

Medium-density Crop Breeding Chips

High-density Crop Breeding Chips

Market segment by Application

Seed Companies

Research Institutes and Universities

Agricultural Biotechnology Companies

Breeding Service Providers

Others

Major players covered

Thermo Fisher Scientific

Agilent

Illumina

Qnsect

Lasso Biochip Technology

GreenFaFa

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 Crop Breeding Chip product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Crop Breeding Chip, with price, sales quantity, revenue, and global market share of Crop Breeding Chip from 2021 to 2026.

Chapter 3, the Crop Breeding Chip competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Crop Breeding Chip 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 Crop Breeding Chip 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 Crop Breeding Chip.

Chapter 14 and 15, to describe Crop Breeding Chip 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 Crop Breeding Chip Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 Solid-phase Chip

1.3.3 Liquid-phase Chip

1.4 Market Analysis by Product Design

1.4.1 Overview: Global Crop Breeding Chip Consumption Value by Product Design: 2021 Versus 2025 Versus 2032

1.4.2 Semi-custom Chips

1.4.3 Fully Custom Chips

1.5 Market Analysis by Marker Density

1.5.1 Overview: Global Crop Breeding Chip Consumption Value by Marker Density: 2021 Versus 2025 Versus 2032

1.5.2 Low-density Crop Breeding Chips

1.5.3 Medium-density Crop Breeding Chips

1.5.4 High-density Crop Breeding Chips

1.6 Market Analysis by Application

1.6.1 Overview: Global Crop Breeding Chip Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.6.2 Seed Companies

1.6.3 Research Institutes and Universities

1.6.4 Agricultural Biotechnology Companies

1.6.5 Breeding Service Providers

1.6.6 Others

1.7 Global Crop Breeding Chip Market Size & Forecast

1.7.1 Global Crop Breeding Chip Consumption Value (2021 & 2025 & 2032)

1.7.2 Global Crop Breeding Chip Sales Quantity (2021-2032)

1.7.3 Global Crop Breeding Chip Average Price (2021-2032)

2 MANUFACTURERS PROFILES

2.1 Thermo Fisher Scientific

2.1.1 Thermo Fisher Scientific Details

- 2.1.2 Thermo Fisher Scientific Major Business
- 2.1.3 Thermo Fisher Scientific Crop Breeding Chip Product and Services
- 2.1.4 Thermo Fisher Scientific Crop Breeding Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.1.5 Thermo Fisher Scientific Recent Developments/Updates
- 2.2 Agilent
 - 2.2.1 Agilent Details
 - 2.2.2 Agilent Major Business
 - 2.2.3 Agilent Crop Breeding Chip Product and Services
 - 2.2.4 Agilent Crop Breeding Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.2.5 Agilent Recent Developments/Updates
- 2.3 Illumina
 - 2.3.1 Illumina Details
 - 2.3.2 Illumina Major Business
 - 2.3.3 Illumina Crop Breeding Chip Product and Services
 - 2.3.4 Illumina Crop Breeding Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.3.5 Illumina Recent Developments/Updates
- 2.4 ?nsect
 - 2.4.1 ?nsect Details
 - 2.4.2 ?nsect Major Business
 - 2.4.3 ?nsect Crop Breeding Chip Product and Services
 - 2.4.4 ?nsect Crop Breeding Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.4.5 ?nsect Recent Developments/Updates
- 2.5 Lasso Biochip Technology
 - 2.5.1 Lasso Biochip Technology Details
 - 2.5.2 Lasso Biochip Technology Major Business
 - 2.5.3 Lasso Biochip Technology Crop Breeding Chip Product and Services
 - 2.5.4 Lasso Biochip Technology Crop Breeding Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.5.5 Lasso Biochip Technology Recent Developments/Updates
- 2.6 GreenFaFa
 - 2.6.1 GreenFaFa Details
 - 2.6.2 GreenFaFa Major Business
 - 2.6.3 GreenFaFa Crop Breeding Chip Product and Services
 - 2.6.4 GreenFaFa Crop Breeding Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.6.5 GreenFaFa Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: CROP BREEDING CHIP BY MANUFACTURER

- 3.1 Global Crop Breeding Chip Sales Quantity by Manufacturer (2021-2026)
- 3.2 Global Crop Breeding Chip Revenue by Manufacturer (2021-2026)
- 3.3 Global Crop Breeding Chip Average Price by Manufacturer (2021-2026)
- 3.4 Market Share Analysis (2025)
 - 3.4.1 Producer Shipments of Crop Breeding Chip by Manufacturer Revenue (\$MM) and Market Share (%): 2025
 - 3.4.2 Top 3 Crop Breeding Chip Manufacturer Market Share in 2025
 - 3.4.3 Top 6 Crop Breeding Chip Manufacturer Market Share in 2025
- 3.5 Crop Breeding Chip Market: Overall Company Footprint Analysis
 - 3.5.1 Crop Breeding Chip Market: Region Footprint
 - 3.5.2 Crop Breeding Chip Market: Company Product Type Footprint
 - 3.5.3 Crop Breeding Chip 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 Crop Breeding Chip Market Size by Region
 - 4.1.1 Global Crop Breeding Chip Sales Quantity by Region (2021-2032)
 - 4.1.2 Global Crop Breeding Chip Consumption Value by Region (2021-2032)
 - 4.1.3 Global Crop Breeding Chip Average Price by Region (2021-2032)
- 4.2 North America Crop Breeding Chip Consumption Value (2021-2032)
- 4.3 Europe Crop Breeding Chip Consumption Value (2021-2032)
- 4.4 Asia-Pacific Crop Breeding Chip Consumption Value (2021-2032)
- 4.5 South America Crop Breeding Chip Consumption Value (2021-2032)
- 4.6 Middle East & Africa Crop Breeding Chip Consumption Value (2021-2032)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Crop Breeding Chip Sales Quantity by Type (2021-2032)
- 5.2 Global Crop Breeding Chip Consumption Value by Type (2021-2032)
- 5.3 Global Crop Breeding Chip Average Price by Type (2021-2032)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Crop Breeding Chip Sales Quantity by Application (2021-2032)
- 6.2 Global Crop Breeding Chip Consumption Value by Application (2021-2032)
- 6.3 Global Crop Breeding Chip Average Price by Application (2021-2032)

7 NORTH AMERICA

- 7.1 North America Crop Breeding Chip Sales Quantity by Type (2021-2032)
- 7.2 North America Crop Breeding Chip Sales Quantity by Application (2021-2032)
- 7.3 North America Crop Breeding Chip Market Size by Country
 - 7.3.1 North America Crop Breeding Chip Sales Quantity by Country (2021-2032)
 - 7.3.2 North America Crop Breeding Chip 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 Crop Breeding Chip Sales Quantity by Type (2021-2032)
- 8.2 Europe Crop Breeding Chip Sales Quantity by Application (2021-2032)
- 8.3 Europe Crop Breeding Chip Market Size by Country
 - 8.3.1 Europe Crop Breeding Chip Sales Quantity by Country (2021-2032)
 - 8.3.2 Europe Crop Breeding Chip 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 Crop Breeding Chip Sales Quantity by Type (2021-2032)
- 9.2 Asia-Pacific Crop Breeding Chip Sales Quantity by Application (2021-2032)
- 9.3 Asia-Pacific Crop Breeding Chip Market Size by Region
 - 9.3.1 Asia-Pacific Crop Breeding Chip Sales Quantity by Region (2021-2032)
 - 9.3.2 Asia-Pacific Crop Breeding Chip 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 Crop Breeding Chip Sales Quantity by Type (2021-2032)

10.2 South America Crop Breeding Chip Sales Quantity by Application (2021-2032)

10.3 South America Crop Breeding Chip Market Size by Country

10.3.1 South America Crop Breeding Chip Sales Quantity by Country (2021-2032)

10.3.2 South America Crop Breeding Chip 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 Crop Breeding Chip Sales Quantity by Type (2021-2032)

11.2 Middle East & Africa Crop Breeding Chip Sales Quantity by Application
(2021-2032)

11.3 Middle East & Africa Crop Breeding Chip Market Size by Country

11.3.1 Middle East & Africa Crop Breeding Chip Sales Quantity by Country
(2021-2032)

11.3.2 Middle East & Africa Crop Breeding Chip 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 Crop Breeding Chip Market Drivers

12.2 Crop Breeding Chip Market Restraints

12.3 Crop Breeding Chip 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 Crop Breeding Chip and Key Manufacturers

13.2 Manufacturing Costs Percentage of Crop Breeding Chip

13.3 Crop Breeding Chip 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 Crop Breeding Chip Typical Distributors

14.3 Crop Breeding Chip 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 Crop Breeding Chip Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Crop Breeding Chip Consumption Value by Product Design, (USD Million), 2021 & 2025 & 2032

Table 3. Global Crop Breeding Chip Consumption Value by Marker Density, (USD Million), 2021 & 2025 & 2032

Table 4. Global Crop Breeding Chip Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 5. Thermo Fisher Scientific Basic Information, Manufacturing Base and Competitors

Table 6. Thermo Fisher Scientific Major Business

Table 7. Thermo Fisher Scientific Crop Breeding Chip Product and Services

Table 8. Thermo Fisher Scientific Crop Breeding Chip Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 9. Thermo Fisher Scientific Recent Developments/Updates

Table 10. Agilent Basic Information, Manufacturing Base and Competitors

Table 11. Agilent Major Business

Table 12. Agilent Crop Breeding Chip Product and Services

Table 13. Agilent Crop Breeding Chip Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 14. Agilent Recent Developments/Updates

Table 15. Illumina Basic Information, Manufacturing Base and Competitors

Table 16. Illumina Major Business

Table 17. Illumina Crop Breeding Chip Product and Services

Table 18. Illumina Crop Breeding Chip Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 19. Illumina Recent Developments/Updates

Table 20. ?nsect Basic Information, Manufacturing Base and Competitors

Table 21. ?nsect Major Business

Table 22. ?nsect Crop Breeding Chip Product and Services

Table 23. ?nsect Crop Breeding Chip Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 24. ?nsect Recent Developments/Updates

Table 25. Lasso Biochip Technology Basic Information, Manufacturing Base and Competitors

Table 26. Lasso Biochip Technology Major Business
Table 27. Lasso Biochip Technology Crop Breeding Chip Product and Services
Table 28. Lasso Biochip Technology Crop Breeding Chip Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 29. Lasso Biochip Technology Recent Developments/Updates
Table 30. GreenFaFa Basic Information, Manufacturing Base and Competitors
Table 31. GreenFaFa Major Business
Table 32. GreenFaFa Crop Breeding Chip Product and Services
Table 33. GreenFaFa Crop Breeding Chip Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 34. GreenFaFa Recent Developments/Updates
Table 35. Global Crop Breeding Chip Sales Quantity by Manufacturer (2021-2026) & (K Pcs)
Table 36. Global Crop Breeding Chip Revenue by Manufacturer (2021-2026) & (USD Million)
Table 37. Global Crop Breeding Chip Average Price by Manufacturer (2021-2026) & (US\$/Pc)
Table 38. Market Position of Manufacturers in Crop Breeding Chip, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025
Table 39. Head Office and Crop Breeding Chip Production Site of Key Manufacturer
Table 40. Crop Breeding Chip Market: Company Product Type Footprint
Table 41. Crop Breeding Chip Market: Company Product Application Footprint
Table 42. Crop Breeding Chip New Market Entrants and Barriers to Market Entry
Table 43. Crop Breeding Chip Mergers, Acquisition, Agreements, and Collaborations
Table 44. Global Crop Breeding Chip Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR
Table 45. Global Crop Breeding Chip Sales Quantity by Region (2021-2026) & (K Pcs)
Table 46. Global Crop Breeding Chip Sales Quantity by Region (2027-2032) & (K Pcs)
Table 47. Global Crop Breeding Chip Consumption Value by Region (2021-2026) & (USD Million)
Table 48. Global Crop Breeding Chip Consumption Value by Region (2027-2032) & (USD Million)
Table 49. Global Crop Breeding Chip Average Price by Region (2021-2026) & (US\$/Pc)
Table 50. Global Crop Breeding Chip Average Price by Region (2027-2032) & (US\$/Pc)
Table 51. Global Crop Breeding Chip Sales Quantity by Type (2021-2026) & (K Pcs)
Table 52. Global Crop Breeding Chip Sales Quantity by Type (2027-2032) & (K Pcs)
Table 53. Global Crop Breeding Chip Consumption Value by Type (2021-2026) & (USD Million)

Table 54. Global Crop Breeding Chip Consumption Value by Type (2027-2032) & (USD Million)

Table 55. Global Crop Breeding Chip Average Price by Type (2021-2026) & (US\$/Pc)

Table 56. Global Crop Breeding Chip Average Price by Type (2027-2032) & (US\$/Pc)

Table 57. Global Crop Breeding Chip Sales Quantity by Application (2021-2026) & (K Pcs)

Table 58. Global Crop Breeding Chip Sales Quantity by Application (2027-2032) & (K Pcs)

Table 59. Global Crop Breeding Chip Consumption Value by Application (2021-2026) & (USD Million)

Table 60. Global Crop Breeding Chip Consumption Value by Application (2027-2032) & (USD Million)

Table 61. Global Crop Breeding Chip Average Price by Application (2021-2026) & (US\$/Pc)

Table 62. Global Crop Breeding Chip Average Price by Application (2027-2032) & (US\$/Pc)

Table 63. North America Crop Breeding Chip Sales Quantity by Type (2021-2026) & (K Pcs)

Table 64. North America Crop Breeding Chip Sales Quantity by Type (2027-2032) & (K Pcs)

Table 65. North America Crop Breeding Chip Sales Quantity by Application (2021-2026) & (K Pcs)

Table 66. North America Crop Breeding Chip Sales Quantity by Application (2027-2032) & (K Pcs)

Table 67. North America Crop Breeding Chip Sales Quantity by Country (2021-2026) & (K Pcs)

Table 68. North America Crop Breeding Chip Sales Quantity by Country (2027-2032) & (K Pcs)

Table 69. North America Crop Breeding Chip Consumption Value by Country (2021-2026) & (USD Million)

Table 70. North America Crop Breeding Chip Consumption Value by Country (2027-2032) & (USD Million)

Table 71. Europe Crop Breeding Chip Sales Quantity by Type (2021-2026) & (K Pcs)

Table 72. Europe Crop Breeding Chip Sales Quantity by Type (2027-2032) & (K Pcs)

Table 73. Europe Crop Breeding Chip Sales Quantity by Application (2021-2026) & (K Pcs)

Table 74. Europe Crop Breeding Chip Sales Quantity by Application (2027-2032) & (K Pcs)

Table 75. Europe Crop Breeding Chip Sales Quantity by Country (2021-2026) & (K Pcs)

Table 76. Europe Crop Breeding Chip Sales Quantity by Country (2027-2032) & (K Pcs)

Table 77. Europe Crop Breeding Chip Consumption Value by Country (2021-2026) & (USD Million)

Table 78. Europe Crop Breeding Chip Consumption Value by Country (2027-2032) & (USD Million)

Table 79. Asia-Pacific Crop Breeding Chip Sales Quantity by Type (2021-2026) & (K Pcs)

Table 80. Asia-Pacific Crop Breeding Chip Sales Quantity by Type (2027-2032) & (K Pcs)

Table 81. Asia-Pacific Crop Breeding Chip Sales Quantity by Application (2021-2026) & (K Pcs)

Table 82. Asia-Pacific Crop Breeding Chip Sales Quantity by Application (2027-2032) & (K Pcs)

Table 83. Asia-Pacific Crop Breeding Chip Sales Quantity by Region (2021-2026) & (K Pcs)

Table 84. Asia-Pacific Crop Breeding Chip Sales Quantity by Region (2027-2032) & (K Pcs)

Table 85. Asia-Pacific Crop Breeding Chip Consumption Value by Region (2021-2026) & (USD Million)

Table 86. Asia-Pacific Crop Breeding Chip Consumption Value by Region (2027-2032) & (USD Million)

Table 87. South America Crop Breeding Chip Sales Quantity by Type (2021-2026) & (K Pcs)

Table 88. South America Crop Breeding Chip Sales Quantity by Type (2027-2032) & (K Pcs)

Table 89. South America Crop Breeding Chip Sales Quantity by Application (2021-2026) & (K Pcs)

Table 90. South America Crop Breeding Chip Sales Quantity by Application (2027-2032) & (K Pcs)

Table 91. South America Crop Breeding Chip Sales Quantity by Country (2021-2026) & (K Pcs)

Table 92. South America Crop Breeding Chip Sales Quantity by Country (2027-2032) & (K Pcs)

Table 93. South America Crop Breeding Chip Consumption Value by Country (2021-2026) & (USD Million)

Table 94. South America Crop Breeding Chip Consumption Value by Country (2027-2032) & (USD Million)

Table 95. Middle East & Africa Crop Breeding Chip Sales Quantity by Type (2021-2026) & (K Pcs)

Table 96. Middle East & Africa Crop Breeding Chip Sales Quantity by Type (2027-2032) & (K Pcs)

Table 97. Middle East & Africa Crop Breeding Chip Sales Quantity by Application (2021-2026) & (K Pcs)

Table 98. Middle East & Africa Crop Breeding Chip Sales Quantity by Application (2027-2032) & (K Pcs)

Table 99. Middle East & Africa Crop Breeding Chip Sales Quantity by Country (2021-2026) & (K Pcs)

Table 100. Middle East & Africa Crop Breeding Chip Sales Quantity by Country (2027-2032) & (K Pcs)

Table 101. Middle East & Africa Crop Breeding Chip Consumption Value by Country (2021-2026) & (USD Million)

Table 102. Middle East & Africa Crop Breeding Chip Consumption Value by Country (2027-2032) & (USD Million)

Table 103. Crop Breeding Chip Raw Material

Table 104. Key Manufacturers of Crop Breeding Chip Raw Materials

Table 105. Crop Breeding Chip Typical Distributors

Table 106. Crop Breeding Chip Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Crop Breeding Chip Picture

Figure 2. Global Crop Breeding Chip Revenue by Type, (USD Million), 2021 & 2025 & 2032

Figure 3. Global Crop Breeding Chip Revenue Market Share by Type in 2025

Figure 4. Solid-phase Chip Examples

Figure 5. Liquid-phase Chip Examples

Figure 6. Global Crop Breeding Chip Revenue by Product Design, (USD Million), 2021 & 2025 & 2032

Figure 7. Global Crop Breeding Chip Revenue Market Share by Product Design in 2025

Figure 8. Semi-custom Chips Examples

Figure 9. Fully Custom Chips Examples

Figure 10. Global Crop Breeding Chip Revenue by Marker Density, (USD Million), 2021 & 2025 & 2032

Figure 11. Global Crop Breeding Chip Revenue Market Share by Marker Density in 2025

Figure 12. Low-density Crop Breeding Chips Examples

Figure 13. Medium-density Crop Breeding Chips Examples

Figure 14. High-density Crop Breeding Chips Examples

Figure 15. Global Crop Breeding Chip Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 16. Global Crop Breeding Chip Revenue Market Share by Application in 2025

Figure 17. Seed Companies Examples

Figure 18. Research Institutes and Universities Examples

Figure 19. Agricultural Biotechnology Companies Examples

Figure 20. Breeding Service Providers Examples

Figure 21. Others Examples

Figure 22. Global Crop Breeding Chip Consumption Value, (USD Million): 2021 & 2025 & 2032

Figure 23. Global Crop Breeding Chip Consumption Value and Forecast (2021-2032) & (USD Million)

Figure 24. Global Crop Breeding Chip Sales Quantity (2021-2032) & (K Pcs)

Figure 25. Global Crop Breeding Chip Price (2021-2032) & (US\$/Pc)

Figure 26. Global Crop Breeding Chip Sales Quantity Market Share by Manufacturer in 2025

Figure 27. Global Crop Breeding Chip Revenue Market Share by Manufacturer in 2025

Figure 28. Producer Shipments of Crop Breeding Chip by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 29. Top 3 Crop Breeding Chip Manufacturer (Revenue) Market Share in 2025

Figure 30. Top 6 Crop Breeding Chip Manufacturer (Revenue) Market Share in 2025

Figure 31. Global Crop Breeding Chip Sales Quantity Market Share by Region (2021-2032)

Figure 32. Global Crop Breeding Chip Consumption Value Market Share by Region (2021-2032)

Figure 33. North America Crop Breeding Chip Consumption Value (2021-2032) & (USD Million)

Figure 34. Europe Crop Breeding Chip Consumption Value (2021-2032) & (USD Million)

Figure 35. Asia-Pacific Crop Breeding Chip Consumption Value (2021-2032) & (USD Million)

Figure 36. South America Crop Breeding Chip Consumption Value (2021-2032) & (USD Million)

Figure 37. Middle East & Africa Crop Breeding Chip Consumption Value (2021-2032) & (USD Million)

Figure 38. Global Crop Breeding Chip Sales Quantity Market Share by Type (2021-2032)

Figure 39. Global Crop Breeding Chip Consumption Value Market Share by Type (2021-2032)

Figure 40. Global Crop Breeding Chip Average Price by Type (2021-2032) & (US\$/Pc)

Figure 41. Global Crop Breeding Chip Sales Quantity Market Share by Application (2021-2032)

Figure 42. Global Crop Breeding Chip Revenue Market Share by Application (2021-2032)

Figure 43. Global Crop Breeding Chip Average Price by Application (2021-2032) & (US\$/Pc)

Figure 44. North America Crop Breeding Chip Sales Quantity Market Share by Type (2021-2032)

Figure 45. North America Crop Breeding Chip Sales Quantity Market Share by Application (2021-2032)

Figure 46. North America Crop Breeding Chip Sales Quantity Market Share by Country (2021-2032)

Figure 47. North America Crop Breeding Chip Consumption Value Market Share by Country (2021-2032)

Figure 48. United States Crop Breeding Chip Consumption Value (2021-2032) & (USD Million)

Figure 49. Canada Crop Breeding Chip Consumption Value (2021-2032) & (USD

Million)

Figure 50. Mexico Crop Breeding Chip Consumption Value (2021-2032) & (USD Million)

Figure 51. Europe Crop Breeding Chip Sales Quantity Market Share by Type
(2021-2032)

Figure 52. Europe Crop Breeding Chip Sales Quantity Market Share by Application
(2021-2032)

Figure 53. Europe Crop Breeding Chip Sales Quantity Market Share by Country
(2021-2032)

Figure 54. Europe Crop Breeding Chip Consumption Value Market Share by Country
(2021-2032)

Figure 55. Germany Crop Breeding Chip Consumption Value (2021-2032) & (USD
Million)

Figure 56. France Crop Breeding Chip Consumption Value (2021-2032) & (USD Million)

Figure 57. United Kingdom Crop Breeding Chip Consumption Value (2021-2032) &
(USD Million)

Figure 58. Russia Crop Breeding Chip Consumption Value (2021-2032) & (USD Million)

Figure 59. Italy Crop Breeding Chip Consumption Value (2021-2032) & (USD Million)

Figure 60. Asia-Pacific Crop Breeding Chip Sales Quantity Market Share by Type
(2021-2032)

Figure 61. Asia-Pacific Crop Breeding Chip Sales Quantity Market Share by Application
(2021-2032)

Figure 62. Asia-Pacific Crop Breeding Chip Sales Quantity Market Share by Region
(2021-2032)

Figure 63. Asia-Pacific Crop Breeding Chip Consumption Value Market Share by
Region (2021-2032)

Figure 64. China Crop Breeding Chip Consumption Value (2021-2032) & (USD Million)

Figure 65. Japan Crop Breeding Chip Consumption Value (2021-2032) & (USD Million)

Figure 66. South Korea Crop Breeding Chip Consumption Value (2021-2032) & (USD
Million)

Figure 67. India Crop Breeding Chip Consumption Value (2021-2032) & (USD Million)

Figure 68. Southeast Asia Crop Breeding Chip Consumption Value (2021-2032) & (USD
Million)

Figure 69. Australia Crop Breeding Chip Consumption Value (2021-2032) & (USD
Million)

Figure 70. South America Crop Breeding Chip Sales Quantity Market Share by Type
(2021-2032)

Figure 71. South America Crop Breeding Chip Sales Quantity Market Share by
Application (2021-2032)

Figure 72. South America Crop Breeding Chip Sales Quantity Market Share by Country

(2021-2032)

Figure 73. South America Crop Breeding Chip Consumption Value Market Share by Country (2021-2032)

Figure 74. Brazil Crop Breeding Chip Consumption Value (2021-2032) & (USD Million)

Figure 75. Argentina Crop Breeding Chip Consumption Value (2021-2032) & (USD Million)

Figure 76. Middle East & Africa Crop Breeding Chip Sales Quantity Market Share by Type (2021-2032)

Figure 77. Middle East & Africa Crop Breeding Chip Sales Quantity Market Share by Application (2021-2032)

Figure 78. Middle East & Africa Crop Breeding Chip Sales Quantity Market Share by Country (2021-2032)

Figure 79. Middle East & Africa Crop Breeding Chip Consumption Value Market Share by Country (2021-2032)

Figure 80. Turkey Crop Breeding Chip Consumption Value (2021-2032) & (USD Million)

Figure 81. Egypt Crop Breeding Chip Consumption Value (2021-2032) & (USD Million)

Figure 82. Saudi Arabia Crop Breeding Chip Consumption Value (2021-2032) & (USD Million)

Figure 83. South Africa Crop Breeding Chip Consumption Value (2021-2032) & (USD Million)

Figure 84. Crop Breeding Chip Market Drivers

Figure 85. Crop Breeding Chip Market Restraints

Figure 86. Crop Breeding Chip Market Trends

Figure 87. Porters Five Forces Analysis

Figure 88. Manufacturing Cost Structure Analysis of Crop Breeding Chip in 2025

Figure 89. Manufacturing Process Analysis of Crop Breeding Chip

Figure 90. Crop Breeding Chip Industrial Chain

Figure 91. Sales Channel: Direct to End-User vs Distributors

Figure 92. Direct Channel Pros & Cons

Figure 93. Indirect Channel Pros & Cons

Figure 94. Methodology

Figure 95. Research Process and Data Source

I would like to order

Product name: Global Crop Breeding Chip Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/G0E365440481EN.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/G0E365440481EN.html>