

Global Molecular Breeding Market 2024 by Company, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Molecular Breeding market size was valued at USD 2928.9 million in 2023 and is forecast to a readjusted size of USD 7320.6 million by 2030 with a CAGR of 14.0% during review period.

Molecular breeding is the application of molecular biology tools, often in plant breeding.

North America accounted for the largest share in the molecular breeding market in 2017, followed by Europe, owing to the high adoption of advanced genetic tools to increase agricultural yield in countries such as Germany, France, the US, and Canada. Rising cultivation of industrial & high-value crops and growing awareness among farmers about the benefits of molecular breeding are expected to provide more scope for market expansion. The major factors restraining the growth of this market are the high start-up cost associated with the application of molecular markers and automated equipment. Also, the dearth of skilled professionals and lack of infrastructural facilities in developing countries hinder the growth potential of this market.

The Global Info Research report includes an overview of the development of the Molecular Breeding industry chain, the market status of Cereals & Grains (Single Nucleotide Polymorphism(SNP), Simple Sequence Repeats(SSR)), Oilseeds & Pulses (Single Nucleotide Polymorphism(SNP), Simple Sequence Repeats(SSR)), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Molecular Breeding.

Regionally, the report analyzes the Molecular Breeding 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

Molecular Breeding market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Molecular Breeding 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 Molecular Breeding 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 revenue generated, and market share of different by Type (e.g., Single Nucleotide Polymorphism(SNP), Simple Sequence Repeats(SSR)).

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 Molecular Breeding market.

Regional Analysis: The report involves examining the Molecular Breeding 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 Molecular Breeding market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Molecular Breeding:

Company Analysis: Report covers individual Molecular Breeding players, 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 Molecular Breeding This may involve surveys, interviews, and

analysis of consumer reviews and feedback from different by Application (Cereals & Grains, Oilseeds & Pulses).

Technology Analysis: Report covers specific technologies relevant to Molecular Breeding. It assesses the current state, advancements, and potential future developments in Molecular Breeding areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Molecular Breeding 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

Molecular Breeding market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of value.

Market segment by Type

Single Nucleotide Polymorphism(SNP)

Simple Sequence Repeats(SSR)

Others

Market segment by Application

Cereals & Grains

Oilseeds & Pulses

Vegetables

Others

Market segment by players, this report covers

Eurofins

Thermo Fisher

Illumina

SGS

LGC Group

Danbred

Intertek

Lemnatec

Charles River

Slipstream Automation

Fruitbreedomics

Market segment by regions, regional analysis covers

North America (United States, Canada, and Mexico)

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

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

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

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Molecular Breeding product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Molecular Breeding, with revenue, gross margin and global market share of Molecular Breeding from 2019 to 2024.

Chapter 3, the Molecular Breeding competitive situation, revenue and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and application, with consumption value and growth rate by Type, application, from 2019 to 2030.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2019 to 2024. and Molecular Breeding market forecast, by regions, type and application, with consumption value, from 2025 to 2030.

Chapter 11, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Molecular Breeding.

Chapter 13, to describe Molecular Breeding research findings and conclusion.

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