

Plant Genomics Market Report: Trends, Forecast and Competitive Analysis to 2030

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Abstracts

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Plant Genomics Trends and Forecast

The future of the global plant genomics market looks promising with opportunities in the cereal & grain, oilseed & pulse, and fruit & vegetable markets. The global plant genomics market is expected to reach an estimated \$14.0 billion by 2030 with a CAGR of 6.8% from 2024 to 2030. The major drivers for this market are growing prevalence of protein deficiency among individuals, increasing demand for a bio-based economy, and escalating trend of veganism.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

Plant Genomics by Segment

The study includes a forecast for the global plant genomics by type, trait, objective, application, and region.

Plant Genomics Market by Type [Shipment Analysis by Value from 2018 to 2030]:

Molecular Engineering

Genetic Engineering

Others

Plant Genomics Market by Trait [Shipment Analysis by Value from 2018 to 2030]:

Yield Improvement

Disease Resistance

Herbicide Tolerance

Others

Plant Genomics Market by Objective [Shipment Analysis by Value from 2018 to 2030]:

DNA Extraction & Purification

DNA/RNA Sequencing

Genotyping

GENE Expression Profiling

Marker-Assisted Selection

GMO-Trait Purity Testing

Others

Plant Genomics Market by Application [Shipment Analysis by Value from 2018 to 2030]:

Cereals & Grains

Oilseeds & Pulses

Fruits & Vegetables

Others

Plant Genomics Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

List of Plant Genomics Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies plant genomics companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the plant genomics companies profiled in this report include-

Eurofins Scientific

Illumina

NRGene

Neogen

Qiagen

Agilent Technologies

KeyGene

LC Sciences

TraitGenetics

Novogene

Plant Genomics Market Insights

Lucintel forecasts that molecular engineering is expected to witness higher growth over the forecast period due to its substantial usage in plant genomics to enhance gene expression efficiency and produce novel plant kinds with desired traits.

Within this market, cereals & grains will remain the largest segment due to significant adoption of plant breeding & sequencing techniques to develop high-performing varieties of cereals & grains, rice, wheat, and corn.

APAC is expected to witness the highest growth over the forecast period.

Features of the Global Plant Genomics Market

Market Size Estimates: Plant genomics market size estimation in terms of value (\$B).

Trend and Forecast Analysis: Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

Segmentation Analysis: Plant genomics market size by various segments, such as by type, trait, objective, application, and region in terms of value (\$B).

Regional Analysis: Plant genomics market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different types, traits, objectives, applications, and regions for the plant genomics market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the plant genomics market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q1. What is the plant genomics market size?

Answer: The global plant genomics market is expected to reach an estimated \$14.0 billion by 2030.

Q2. What is the growth forecast for plant genomics market?

Answer: The global plant genomics market is expected to grow with a CAGR of 6.8% from 2024 to 2030.

Q3. What are the major drivers influencing the growth of the plant genomics market?

Answer: The major drivers for this market are growing prevalence of protein deficiency among individuals, increasing demand for a bio-based economy, and escalating trend of veganism.

Q4. What are the major segments for plant genomics market?

Answer: The future of the plant genomics market looks promising with opportunities in the cereals & grains, oilseeds & pulses, and fruits & vegetables markets.

Q5. Who are the key plant genomics market companies?

Answer: Some of the key plant genomics companies are as follows:

Eurofins Scientific

Illumina

NRGene

Neogen

Qiagen

Agilent Technologies

KeyGene

LC Sciences

TraitGenetics

Novogene

Q6. Which plant genomics market segment will be the largest in future?

Answer: Lucintel forecasts that molecular engineering is expected to witness higher growth over the forecast period due to its substantial usage in plant genomic to enhance gene expression efficiency and produce novel plant kinds with desired traits.

Q7. In plant genomics market, which region is expected to be the largest in next 5 years?

Answer: APAC is expected to witness the highest growth over the forecast period.

Q.8 Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the plant genomics market by type (molecular engineering, genetic engineering, and others), trait (yield improvement, disease resistance, herbicide tolerance, and others), objective (DNA extraction & purification, DNA/RNA sequencing, genotyping, GENE expression profiling, marker-assisted selection, GMO-trait purity testing, and others), application (cereals & grains, oilseeds & pulses, fruits & vegetables, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to Plant Genomics Market, Plant Genomics Market Size, Plant Genomics Market Growth, Plant Genomics Market Analysis, Plant Genomics Market Report, Plant Genomics Market Share, Plant Genomics Market Trends, Plant Genomics Market Forecast, Plant Genomics Companies, write Lucintel analyst at email: helpdesk@lucintel.com. We will be glad to get back to you soon.

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