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Molecular Breeding Market Report: Trends, Forecast and Competitive Analysis

https://marketpublishers.com/r/MC998475A0EFEN.html
Date: June 2022
Pages: 150
Price: US$ 4,850.00 (Single User License)
ID: MC998475A0EFEN

Abstracts

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Molecular Breeding Market Trends and Forecast

The future of the molecular breeding market looks promising with opportunities in the crop breeding and livestock breeding markets. The global molecular breeding market is expected to grow with a CAGR of 16% to 19% from 2021 to 2027. The major drivers for this market are growing demand for mechanized and new agricultural techniques, mainly in the developing countries, increasing efforts of the government to promote agricultural practices, and growing R&D expenses in the agricultural sectors.

A total of 107 figures / charts and 68 tables are provided in this 205-page report to help in your business decisions. A sample figure with insights is shown below. To learn the scope of benefits, companies researched, and other details of the molecular breeding market report, please download the report brochure.

Molecular Breeding Market by Segment

The study includes a forecast for the global molecular breeding market by process, marker, application, and region as follows:

Molecular Breeding Market by Process [Value ($M) shipment analysis for 2016 – 2027]:

QTL Mapping

Marker-Assisted Selection

Marker-Assisted Backcrossing

Genomic Selection

Others

Molecular Breeding Market by Marker [Value ($M) shipment analysis for 2016 – 2027]:

Single Nucleotide Polymorphism (SNP)

Simple Sequence Repeats (SSR)

Other Markers

Molecular Breeding Market by Application [Value ($M) shipment analysis for 2016 – 2027]:

Crop Breeding

Livestock Breeding

Molecular Breeding Market by Region [Value ($M) shipment analysis for 2016 – 2027]:

North America

Europe

Asia Pacific

The Rest of the World

List of Molecular Breeding 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 molecular breeding companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the molecular breeding companies profiled in this report include.

Illumina

Eurofins Scientific

LGC Limited

SGS S.A.

Thermo Fisher Scientific

Intertek Group plc

DanBred P/S

LemnaTec GmbH

Slipstream Automation

Charles River Laboratories

FruitBreedomics

The Toro Company

Campbell Scientific

Sentek

Molecular Breeding Market Insight

Lucintel forecast that marker-assisted selection will remain the largest process

over the forecast period due to high efficiency and low cost in rising yield.

Crop breeding application will remain the largest market over the forecast period due to rise in funds for agrigenomics

North America is expected to remain the largest region over the forecast period due to the increasing agriculture land, growing use of molecular breeding on corn and soybean, and growing adoption of advanced genetic tools in agriculture

Features of Molecular Breeding Market

Market Size Estimates: Molecular breeding market size estimation in terms of value ($M)

Trend and Forecast Analysis: Market trends (2016-2021) and forecast (2022-2027) by various segments and regions.

Segmentation Analysis: Market size by process, marker, and application

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

Growth Opportunities: Analysis of growth opportunities in different process, marker, application, and regions for the molecular breeding market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape for the molecular breeding market.

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

FAQ

Q1. What is the molecular breeding market size?

Answer:The global molecular breeding market is expected to reach an estimated $xx

billion by 2027

Q2. What is the growth forecast for molecular breeding market?

Answer:The molecular breeding market is expected to grow at a CAGR of 16% to 19% from 2022 to 2027.

Q3. What are the major drivers influencing the growth of the molecular breeding market?

Answer: The major drivers for this market are growing demand for mechanized and new agriculture techniques mainly in developing countries, increasing efforts of the government of corporations and government to promote agriculture practices, and growing R&D expenses in the agriculture sectors

Q4. What are the major applications or end use industries for molecular breeding?

Answer:Crop breeding and livestock breeding are the major application for molecular breeding.

Q5. Who are the key molecular breeding companies?

Answer:Some of the key molecular breeding companies are as follows:

Illumina

Eurofins Scientific

LGC Limited

SGS S.A.

Thermo Fisher Scientific

Intertek Group plc

DanBred P/S

LemnaTec GmbH

Slipstream Automation

Charles River Laboratories

FruitBreedomics

The Toro Company

Campbell Scientific

Sentek

Q6.Which molecular breeding process segment will be the largest in future?

Answer: Lucintel forecast that marker-assisted selection will remain the largest process over the forecast period due to high efficiency and low cost in rising yield.

Q7: In molecular breeding market, which region is expected to be the largest in next 5 years?

Answer:North America is expected to remain the largest region over next 5 years

Q8. 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 potential, high growth opportunities for the global molecular breeding market by process (QTL mapping, marker-assisted selection, marker-assisted backcrossing, genomic selection and other processes), marker (single nucleotide polymorphism (SNP), simple sequence repeats (SSR) and other markers), application (crop breeding and livestock breeding), 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 regions will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the market?

Q.5 What are the business risks and threats to the market?

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

Q.7 What are 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 being implemented by key players for business growth?

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

Q.11 What M & A activities have taken place in the last 5 years in this market?

For any questions related to molecular breeding market or related to molecular breeding market share, molecular breeding market analysis, molecular breeding market size, write Lucintel analyst at email: helpdesk@lucintel.com. We will be glad to get back to you soon.

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Contents

1. EXECUTIVE SUMMARY

2. MARKET BACKGROUND AND CLASSIFICATIONS

2.1: Introduction, Background, and Classifications
2.2: Supply Chain
2.3: Industry Drivers and Challenges

3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2016 TO 2027

3.1: Macroeconomic Trends (2016-2021) and Forecast (2022-2027)
3.2: Global Geospatial Analytics Market Trends (2016-2021) and Forecast (2022-2027)
3.3: Global Geospatial Analytics Market by Component
  3.3.1: Solution
    3.3.1.1: Geocoding and Reverse Geocoding
    3.3.1.2: Data Integration and ETL
    3.3.1.3: Reporting and Visualization
    3.3.1.4: Thematic Mapping and Spatial Analysis
    3.3.1.5: Other Solutions
  3.3.2: Services
    3.3.2.1: Consulting
    3.3.2.2: Integration and Deployment
    3.3.2.3: Support and Maintenance
3.4: Global Geospatial Analytics Market by Type
  3.4.1: Surface and Field Analytics
  3.4.2: Network and Location Analytics
  3.4.3: Geovisualization
  3.4.4: Other Types
3.5: Global Geospatial Analytics Market by Technology
  3.5.1: Remote Sensing
  3.5.2: GIS
  3.5.3: GPS
  3.5.4: Other Technologies
3.6: Global Geospatial Analytics Market by Deployment Mode
  3.6.1: Cloud
  3.6.2: On-Premises
3.7: Global Geospatial Analytics Market by Application

3.7.1: Surveying
3.7.2: Medicine and Public Safety
3.7.3: Disaster Risk Reduction and Management
3.7.4: Climate Change Adaptation
3.7.5: Other Applications
3.8: Global Geospatial Analytics Market by End Use Industry
3.8.1: Utility
3.8.2: Government
3.8.3: Defense and Intelligence
3.8.4: BFSI
3.8.5: Healthcare
3.8.6: Automotive
3.8.7: Others

4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION FROM 2016 TO 2027

4.1: Global Geospatial Analytics Market by Region
4.2: North American Geospatial Analytics Market
4.2.1: Market by Deployment Mode: Cloud and On-Premises
4.2.2: Market by End Use Industry: Utility, Government, Defense and Intelligence, BFSI, Healthcare, Automotive, and Others
4.3: European Geospatial Analytics Market
4.3.1: Market by Deployment Mode: Cloud and On-Premises
4.3.2: Market by End Use Industry: Utility, Government, Defense and Intelligence, BFSI, Healthcare, Automotive, and Others
4.4: APAC Geospatial Analytics Market
4.4.1: Market by Deployment Mode: Cloud and On-Premises
4.4.2: Market by End Use Industry: Utility, Government, Defense and Intelligence, BFSI, Healthcare, Automotive, and Others
4.5: ROW Geospatial Analytics Market
4.5.1: Market by Deployment Mode: Cloud and On-Premises
4.5.2: Market by End Use Industry: Utility, Government, Defense and Intelligence, BFSI, Healthcare, Automotive, and Others

5. COMPETITOR ANALYSIS

5.1: Product Portfolio Analysis
5.2: Geographical Reach

5.3: Porter's Five Forces Analysis

6. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS

6.1: Growth Opportunity Analysis
6.1.1: Growth Opportunities for the Global Geospatial Analytics Market by Components
6.1.2: Growth Opportunities for the Global Geospatial Analytics Market by Type
6.1.3: Growth Opportunities for the Global Geospatial Analytics Market by Technology
6.1.4: Growth Opportunities for the Global Geospatial Analytics Market by Deployment Mode
6.1.5: Growth Opportunities for the Global Geospatial Analytics Market by Application
6.1.6: Growth Opportunities for the Global Geospatial Analytics Market by End Use Industry
6.1.7: Growth Opportunities for the Global Geospatial Analytics Market by Region
6.2: Emerging Trends in the Global Geospatial Analytics Market
6.3: Strategic Analysis
6.3.1: New Product Development
6.3.2: Capacity Expansion of the Global Geospatial Analytics Market
6.3.3: Mergers and Acquisitions, and Joint Ventures in the Global Geospatial Analytics Industry

7. COMPANY PROFILES OF LEADING PLAYERS

7.1: ESRI
7.2: Precisely
7.3: Oracle
7.4: SAP
7.5: Google
7.6: Maxar Technologies
7.7: Alteryx
7.8: Hexagon AB
7.9: Trimble
7.10: TomTom

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