

Plant Breeding and CRISPR Plants - Global Market Outlook (2017-2026)

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Abstracts

According to Statistics MRC, the Global Plant Breeding and Clustered Regularly Interspaced Palindromic Repeats (CRISPR) Plants market is accounted for \$6.41 billion in 2017 and is expected to reach \$23.92 billion by 2026 growing at a CAGR of 15.8%. An increasing need for high-quality crops, growing adoption of molecular breeding techniques and technological advancements are some of the factors driving the market growth. However, the high cost of modern breeding methods is hindering the market growth.

Based on the type, conventional breeding segment commanded significant market growth during the predicted period. Conventional plant breeding resulting in open-pollinated varieties (OP) or hybrid varieties has had a tremendous impact on agricultural productivity over the last decades. Artificial mutagenesis (EMS/radiation) has been widely used in conventional plant breeding for decades as deregulated food products.

By geography, North America is anticipated to dominate the global market due to rising industrial value for corn and soybean in the US and the limited regulatory control.

Some of the key players in the Plant Breeding and Clustered Regularly Interspaced Palindromic Repeats (CRISPR) Plants market include Bayer, Syngenta, KWS Group, Dowdupont, Eurofins, Benson Hill Biosystems, Advanta Seeds (UPL), SGS (Traitgenetics), Groupe Limagrain, Equinom, Hudson River Biotechnology, Land O'lakes (Forage Genetics International), Bioconsortia and Evogene.

Types Covered:

Biotechnological Method

Conventional Breeding

Traits Covered:

Yield Improvement

Herbicide Tolerance

Disease Resistance

Other Traits

Processes Covered:

Mutation Breeding

Hybridization

Selection

Crop Types Covered:

Oilseeds & Pulses

Fruits & Vegetables

Cereals & Grains

Other Crop Types

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub-segments, and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic analysis: Drivers and Constraints, Product/Technology Analysis, Porter's five forces analysis, SWOT analysis etc.

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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Note: Regional Tables for North America, Europe, Asia Pacific, South America and, Middle East & Africa are presented in the same manner above.

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