

# **Crop Breeding Technology Global Market Insights 2025, Analysis and Forecast to 2030, by Market Participants, Regions, Technology, Application, Product Type**

<https://marketpublishers.com/r/C135E4AA9C1CEN.html>

Date: February 2025

Pages: 87

Price: US\$ 3,200.00 (Single User License)

ID: C135E4AA9C1CEN

## **Abstracts**

### **Crop Breeding Technology Market 2025 Review**

The Crop Breeding Technology Market is evolving rapidly, reflecting advancements in agricultural practices and increasing demand for genetically superior crops.

#### **Market Overview**

The global crop breeding technology market was valued at approximately \$5 billion in 2024 and is anticipated to reach about \$10 billion by 2030, growing at a compound annual growth rate (CAGR) of around 14% during the forecast period.

This growth can be attributed to the urgent need for increased food production due to a rising global population, coupled with altering climatic conditions that necessitate the development of crops with enhanced resilience and yield traits.

#### **Market Size, Share & Trends Analysis**

The market is segmented by product type, process, application, and end-use.

#### **By Product Type**

**Traditional Breeding:** This segment accounted for approximately 45% of the market share in 2024, valued near \$2.25 billion.

**Molecular Breeding:** Expecting a CAGR of 15% and reaching around \$3.5 billion by 2030, this segment benefits from advancements in genomics and biotechnology.

**Genetic Engineering Breeding:** This includes techniques such as CRISPR and is

growing rapidly, projected to be valued around \$2.5 billion by 2030.

Others: This includes hybrid breeding methods, accounting for about 10% of the market share.

#### By Key Players

Key players dominating the crop breeding technology market include:

Bayer

Corteva Agriscience (Pioneer Seeds)

Sinochem Holdings (Syngenta)

BASF

Limagrain Group

Yuan Long Ping High-Tech Agriculture

Shandong Denghai Seeds

Hefei Fengle Seed

Advanta

Hainan Shennong Gene

Tozer Seeds

#### By Process

The crop breeding technology processes can be categorized as follows:

Biotechnology processes

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