

Plant Genotyping Equipment Market is estimated to be US\$ 201.06 billion by 2030 with a CAGR of 4.1% during the forecast period

Plant genotyping is the process to determine the difference in the genetic make-up in an individual (Plants). The testing of DNA in plants is an essential process in various fields of agricultural research, including crop trait development and seed quality control. To analyze and compare the plant genetic makeup whether the THCS synthase gene and the CBDA synthase gene is present in a plant. Different combinations of results on the respective tests will indicate the plant type. Additionally, the rise in the demand for the improvement and development in the variety of crops is the propelling factor for the growth of the target market. Moreover, genomics cost-effectiveness is another factor in the growth of the global market. Furthermore, the cost of infrastructure is also high which is the hampering factor for the growth of the global market. Nevertheless, growth in emerging economies providing huge scope for market development can create numerous opportunities for the growth of the target market.

Region Analysis:

In the plant genotyping equipment market, the market in Asia-Pacific region accounts highest revenue share to the global plant genotyping equipment market due to growing demand for the laboratory testing's. North America region anticipated the growth of the target market due to increasing demand for the plant genotyping equipment over the forecast period.

Key Development:

- In October 2020, NRGene global leader in AI-based genomic analysis for research and agricultural breeding, had launched Soy SNPPro.
- In August 2021, India's leading genomics lab Nucleome launched its most advanced genomics lab NKC center for genomic research.

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Segmentation:

The global plant genotyping equipment market accounted for US\$ 554.94 million in 2020 and is estimated to be US\$ 1465.8 million by 2030 and is anticipated to register a CAGR of 10.2%. The global plant genotyping equipment market is segmented based on application, end user, and region.

- By application, the Global Plant Genotyping Equipment Market is segmented into Plant Research, Breeding, Product Development, and Quality Assessment.
- By end user, the Global Plant Genotyping Equipment Market is classified into Greenhouse, Field, and Laboratory.

Competitive Analysis:

The key players operating the global plant genotyping equipment market involves Illumina, Inc., LGC Limited, Evogene Ltd., Neogen Corporation, Agilent Technologies, Traitgenetics GmbH, Novogene Corporation, Genotypic Technologies, Eurofins Scientific, and LC Sciences.