

Molecular Breeding Market Key Players and Competitive Positioning Insights

*The Business Research Company's
Molecular Breeding Global Market Report
2026 – Market Size, Trends, And Forecast
2026-2035*

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/EINPresswire.com/ -- The [molecular breeding market](#) is characterized by

the presence of global agricultural biotechnology companies, seed manufacturers, specialized genomics firms, and emerging agri-biotech

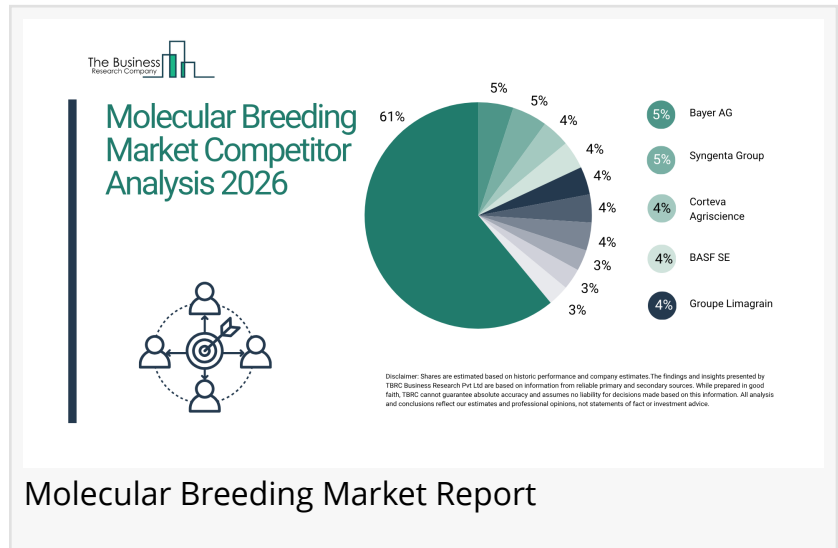
innovators. Companies are increasingly focusing on advanced marker-assisted selection technologies, genomic selection tools, high-throughput phenotyping platforms, and data-driven breeding solutions to enhance crop yield, resilience, and trait precision. Strategic emphasis is also being placed on integrating molecular breeding with digital agriculture, accelerating breeding cycles, and ensuring regulatory compliance for improved crop varieties. Understanding the competitive landscape is essential for stakeholders aiming to capitalize on innovation opportunities, form strategic collaborations, and establish long-term positioning within the rapidly evolving molecular breeding market.

Which Market Player Is Leading The Molecular Breeding Market?

- According to our research, Bayer AG led global sales in 2024 with a 5% market share. The crop science division of the company, which is directly involved in the molecular breeding market, offers a comprehensive portfolio of advanced breeding technologies, genomic selection tools, marker-assisted breeding solutions, and data-driven crop improvement platforms that support high-yield seed development, trait optimization, and sustainable agricultural practices across global farming systems.

How Concentrated Is The Molecular Breeding Market?

- The market is fairly concentrated, with the top 10 players accounting for 39% of total market revenue in 2024. This level of concentration reflects the industry's strong reliance on advanced biotechnology capabilities, extensive germplasm libraries, and significant investments in



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genomics and breeding infrastructure, which create high entry barriers for new participants while favoring established players. Leading companies such as Bayer AG, Syngenta Group, Corteva Agriscience, BASF SE, Groupe Limagrain, KWS SAAT SE & Co. KGaA, Rijk Zwaan, Sakata Seed Corp., Genus plc, and DanBred P/S maintain a competitive edge through robust seed portfolios, integrated trait development pipelines, advanced molecular breeding technologies, and strong global distribution networks. At the same time, several regional seed companies and emerging agri-biotech firms contribute to competitive intensity by focusing on niche crops, localized breeding programs, and innovative genomic tools. As demand for climate-resilient and high-yield crop varieties continues to rise, strategic collaborations, licensing agreements, and targeted acquisitions are expected to further consolidate market leadership while enabling continuous innovation within the evolving molecular breeding market.

• Leading companies include:

- o Bayer AG (5%)
- o Syngenta Group (5%)
- o Corteva Agriscience (4%)
- o BASF SE (4%)
- o Groupe Limagrain (4%)
- o KWS SAAT SE & Co. KGaA (4%)
- o Rijk Zwaan (4%)
- o Sakata Seed Corp. (3%)
- o Genus plc (3%)
- o DanBred P/S (3%)

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Which Companies Are Leading Across Different Regions?

- North America: Confluence Genetics, Inari, Bayer Crop Science LP, Corteva Inc., Syngenta Crop Protection, LLC, BASF Corporation, Pairwise Plants Services, Inc., Benson Hill, Inc., NRGene Green, KWS Canada Ltd., Advanta Seeds Canada Inc., and Nuseed Canada Inc. are leading companies in this region.
- Asia Pacific: Origin Agritech Limited, China Golden Marker Biotechnology Co., Ltd., Beijing Academy of Agriculture & Forestry Sciences, Shanghai Academy of Agricultural Sciences, Huazhi Rice Bio-Tech Co., Ltd., Sanatech Seed Co., Ltd., Sakata Seed Corporation, and NongWoo Bio Co., Ltd. are leading companies in this region.
- Western Europe: SGS Italy, Eurofins Genomics Ltd., Bayer AG, and Syngenta Group Computomics GmbH are leading companies in this region.
- Eastern Europe: Smolice Plant Breeding Ltd., Maize Research Institute Zemun Polje, and Biogranum d.o.o. are leading companies in this region.
- South America: Bioceres Crop Solutions, Embrapa, Illumina, and Thermo Fisher Scientific are leading companies in this region.

- Middle East: Bayer, Syngenta, Limagrain, and Nirit Seeds are leading companies in this region.
- Africa: Bayer AG and Syngenta Group are leading companies in this region.

What Are The Major Competitive Trends In The Market?

- Increasing adoption of marker-assisted backcrossing (MABC) is transforming the molecular breeding market by enabling precise trait introgression while maintaining genetic stability.
- Example: In February 2025, NRGene developed clubroot-resistant canola using genomics-assisted MABC, successfully mapping resistance loci and stabilizing them across spring and winter canola varieties in collaboration with seed companies and research institutions.
- These innovations help breeders accelerate variety development, reduce linkage drag, and improve the reliability and performance of commercial crop varieties.

Which Strategies Are Companies Adopting To Stay Ahead?

- Genomic Selection And Predictive Analytics Accelerating Breeding Innovation
- High-Throughput Platforms Enabling Data-Driven Crop Improvement
- Collaborations Expanding Genomic Capabilities And Research Depth
- Marker-Assisted Techniques Advancing Precision Trait Development

Access The Detailed Molecular Breeding Market Report Here

https://www.thebusinessresearchcompany.com/report/molecular-breeding-global-market-report?utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Apr_PR

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