

Comprehensive Plant Virome Diagnostics Market Report Covers Forecasts, Innovations And Industry Outlook

The Business Research Company's Plant Virome Diagnostics Global Market Report 2026 – Market Size, Trends, And Forecast 2026-2035

LONDON, GREATER LONDON, UNITED KINGDOM, July 5, 2026

[/Einpresswire.com/](https://www.einpresswire.com/) -- The plant virome diagnostics sector is emerging as a

crucial component in safeguarding crop health worldwide. As viral infections among plants become more prevalent, the demand for precise and advanced diagnostic methods is intensifying. This overview delves into the market's size, growth drivers, regional outlook, and future trends shaping this vital agricultural technology segment.

Market Expansion and Size Projections in the [Plant Virome Diagnostics Market](#)

The plant virome diagnostics market has witnessed strong expansion recently, with its value expected to rise from \$1.03 billion in 2025 to \$1.12 billion in 2026, registering a compound annual growth rate (CAGR) of 9.3%. This growth during the past years is mainly due to the increasing frequency of viral outbreaks affecting major crops, a growing dependence on molecular diagnostic tools in agriculture, heightened awareness of the significant yield losses caused by plant viruses, broader agricultural biotechnology research initiatives, and widespread use of fundamental PCR-based testing methods for plant diseases.

Download a free sample of the [plant virome diagnostics market report](#):

https://www.thebusinessresearchcompany.com/sample_request?id=57762853&type=smp&utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Jun_PR

Looking ahead, the market is projected to continue its robust growth, reaching \$1.61 billion by 2030 at a CAGR of 9.5%. This anticipated rise is fueled by the growing uptake of next-generation sequencing technologies, the escalating demand for precision agriculture and early disease identification, advancements in digital agriculture and data-driven farming strategies, the proliferation of portable and field-based diagnostic tools, and increasing investments focused on plant health biosecurity and virome research. Prominent trends expected to shape this future

The logo for The Business Research Company, featuring the text "The Business Research Company" in a black, sans-serif font. To the right of the text is a stylized bar chart with four bars of varying heights, colored in shades of green and blue.

The Business
Research Company

The Business Research Company

growth include metagenomic sequencing for early virus detection, high-throughput sequencing to map plant viral diversity, cloud-based platforms for real-time disease monitoring, portable molecular kits for swift field diagnostics, and sophisticated bioinformatics pipelines for virus identification and classification.

Understanding Plant Virome Diagnostics and its Role in Agriculture

Plant virome diagnostics encompasses a range of molecular and genomic technologies aimed at detecting and characterizing viruses present within plants. These diagnostic methods analyze viral populations that impact plant health and crop yields, providing critical information to support early disease detection and help implement effective management strategies in agricultural settings. The application of these diagnostics plays a key role in minimizing losses and ensuring sustainable crop production.

View the full plant virome diagnostics market report:

https://www.thebusinessresearchcompany.com/report/plant-virome-diagnostics-market-report?utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Jun_PR

Factors Propelling Growth in the Plant Virome Diagnostics Market

One of the primary catalysts for the rising demand in this market is the increasing occurrence of plant viral diseases. These infections disrupt normal plant growth, significantly reduce crop yields, and can spread rapidly through various vectors such as seeds, insects, or mechanical means. The expansion of global trade and movement of plant materials facilitates wider virus transmission across regions and crop types, escalating the risk and incidence of such diseases.

This surge in plant viral infections creates a greater need for reliable and timely diagnostic tools to detect these threats early on and protect crop outputs effectively. For instance, in July 2025, the Department of Primary Industries and Regions (PIRSA) in Australia reported that turnip yellows virus (TuYV) severely impacts canola and important pulse crops, causing yield reductions ranging from 10 to 80 percent, with earlier infections leading to greater losses. This example highlights the growing economic risks posed by plant viral diseases and underscores the expanding market demand for virome diagnostics solutions.

Regions Leading and Accelerating Growth in the Plant Virome Diagnostics Market

North America held the largest share of the plant virome diagnostics market by 2025. However, Asia-Pacific is forecasted to be the fastest-growing region throughout the upcoming years. The market report covers key regions including Asia-Pacific, South East Asia, Western Europe, Eastern Europe, North America, South America, and the Middle East and Africa, providing a comprehensive view of global developments and potential growth areas within this industry.

New analytical features added to our 2026 market reports:

- Market attractiveness scoring and analysis
- Total addressable market (TAM) analysis
- Company scoring matrix graphics and tables

- Excel-based forecasting dashboards
- Market hotspots infographics
- Key technologies and future trend analysis
- Updated graphics and tables

Speak With Our Expert:

Saumya Sahay

Americas +1 310-496-7795

Asia +44 7882 955267 & +91 8897263534

Europe +44 7882 955267

Email: marketing@tbrc.info

[The Business Research Company](http://www.thebusinessresearchcompany.com) - www.thebusinessresearchcompany.com

Follow Us On:

- LinkedIn: <https://in.linkedin.com/company/the-business-research-company>

Oliver Guirdham

The Business Research Company

+44 7882 955267

info@tbrc.info

Visit us on social media:

[LinkedIn](#)

[Facebook](#)

[X](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/924526157>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2026 Newsmatics Inc. All Right Reserved.