

Plant Diagnostic Laboratory



The Mississippi State University Extension Service Plant Diagnostic Laboratory (MPDL) provides rapid and accurate plant disease and nematode diagnostic services, which include detailed cultural and chemical management strategies based on current science and tailored specifically to each individual situation.

Let Us Help You

- Improve plant vigor
- Prevent or manage disease problems
- Be a good steward of the environment

Clients We Serve

- Residential (general public)
- Commercial
- Research and government regulatory agencies

The MPDL is a member of the National Plant Diagnostic Network (NPDN), an internationally respected consortium of plant diagnostic laboratories supported by USDA-NIFA, and shares the NPDN mission of protecting the health and productivity of U.S. agriculture through rapid detection and communication of new and emerging plant problems.

Diagnostic Services

- Plant disease diagnosis
- Plant parasitic nematode quantification and identification (to genus level)
- Acremonium endophyte screening
- Digitally assisted diagnostics through digital photo submission
- Case-specific management recommendations
- Electronic plant diagnostic reports and invoicing

How to Submit Samples

Sample submission forms, instructions for sample collection and shipping, and a list of fees, are available from your county Extension office and at the [Plant Diagnostic Lab](#).

For specialized nematode services and their fees, visit extension.msstate.edu/lab, or call (662) 325-2146 to discuss your needs.

Mississippi Plant Diagnostic Lab

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National Institute of Food and Agriculture

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