

PLANT DIAGNOSTIC LABORATORY

MISSION

The Plant Diagnostic Laboratory is a full-service plant health diagnostic facility sponsored by Rutgers Cooperative Extension, the outreach component of the School of Environmental and Biological Sciences and the New Jersey Agricultural Experiment Station. Our mission is to provide accurate and timely diagnoses of plant health problems for the residents of New Jersey.

Located on the Cook College campus, the Plant Diagnostic Laboratory provides plant health diagnostic services in cooperation with RCE faculty, staff, and other university personnel. The laboratory serves residential and commercial clientele.

DIAGNOSTIC SERVICES

- Disease and Insect Pest Diagnosis
- Plant and Weed Identification
- Insect Identification
- Fungus and Mold Identification
- Nematode Assays
- Acremonium Endophyte Screening
- Fungicide Resistance Screening
- Other Services Available by Contract



HOW TO SUBMIT A SAMPLE

1. Sample submission forms may be obtained from your local county RCE office, or by download at www.njaes.rutgers.edu/plantdiagnosticlab.

There are seven distinct forms.

- Commercial Growers
- Fungus and Mold Identification
- Insect and Tick Identification
- Landscape, Home Grounds, and Garden
- Nematode Soil Assay
- Plant Identification
- Turfgrass



2. Completely fill out the submission form.

3. Collect the appropriate sample. Carefully follow the directions on the submission form. Whole plants work best.

4. Properly package the sample, form, and payment.

5. Ship the sample to the laboratory.

6. The laboratory will respond by email in a timely manner.

SHIPPING ADDRESS

Be sure to use next day shipping to help ensure timely delivery.

Plant Diagnostic Laboratory
Rutgers, The State University of New Jersey
Ralph Geiger Turfgrass Education Center
20 Indyk-Engel Way
New Brunswick, NJ 08901

CONTACT INFORMATION

Telephone: 732-932-9140

FAX: 732-932-1270

E-mail: rutgersPDL@njaes.rutgers.edu

Website:

www.njaes.rutgers.edu/plantdiagnosticlab

VISIT US

Take the NJ Turnpike to Exit 9. Take Rt. 18 North to Rt. 1 South. Take the second Ryders Lane exit, toward Milltown. Move to your left immediately upon entering onto Ryders Lane. Turn left at first break in the island onto Log Cabin Road and make an immediate right onto Indyk-Engel Way to parking area. The Education Center is up the hill on the left.

SAMPLE FEES

(All fees are per sample and subject to change without notice.)

Standard sample (most samples except fine turf):

\$50 in-state
\$100 out-of-state

Fine and sports turf:

In-state:
\$100 disease/insect diagnosis
\$150 disease/insect plus nematode assay*
Out-of-state:
\$150 disease/insect diagnosis
\$200 disease/insect plus nematode assay*
*Combination fee applies only to samples from same green, field, etc.

Nematode assay:

\$50 in-state (except fine turf)
\$75 in-state fine turf
\$100 out-of-state

Fungus and mold identification:

\$50 in-state microscope identification
\$100 out-of-state microscope identification

Insect identification:

\$50 in-state
\$100 out-of-state

Plant and weed identification:

\$50 in-state
\$100 out-of-state

Special tests*:

- Endophyte screening
- Fungicide resistance testing
- Pesticide residue testing
- Site consultation
- Speaker request
- Virus testing

*Please call ahead to discuss available tests, fees, and specifics.

Other services negotiable.

0621

Contracts and volume discounts available.

RUTGERS COOPERATIVE EXTENSION COUNTY OFFICES

Atlantic County
(609) 625-0056

Bergen County
(201) 336-6780

Burlington County
(609) 265-5050

Camden County
(856) 216-7130

Cape May County
(609) 465-5115

Cumberland County
(856) 451-2800

Essex County
(856) 228-3179

Gloucester County
(856) 224-8040

Hunterdon County
(908) 788-1339

Mercer County
(609) 989-6830

Middlesex County
(732) 398-5262

Monmouth County
(732) 431-7260

Morris County
(973) 285-8306

Ocean County
(732) 349-1246

Passaic County
(973) 305-5740

Salem County
(856) 769-0090

Somerset County
(908) 526-6293

Sussex County
(973) 948-3040

Union County
(908) 654-9854

Warren County
(908) 475-6505

RUTGERS

New Jersey Agricultural
Experiment Station

PLANT DIAGNOSTIC LABORATORY



njaes.rutgers.edu/services

Cooperating Agencies: Rutgers, The State University of New Jersey, U.S. Department of Agriculture, and County Boards of Chosen Freeholders. Rutgers Cooperative Extension, a unit of the Rutgers New Jersey Agricultural Experiment Station, is an equal opportunity program provider and employer.