

# 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



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## HOW TO SUBMIT A SAMPLE

1. Sample submission forms may be obtained from your local county RCE office, by download at [www.njaes.rutgers.edu/plantdiagnosticlab](http://www.njaes.rutgers.edu/plantdiagnosticlab), or directly from the laboratory via phone request (732-932-9140) or fax request (732-932-1270). The laboratory will fax back the appropriate form.

### There are seven distinct forms.

Tan - Landscape, Home Grounds, and Garden  
Yellow - Golf and Landscape Turf  
Pink - Commercial Growers  
Blue - Insect and Tick Identification  
Lilac - Fungus and Mold Identification  
Green - Plant Identification  
Gray - Nematode Soil Assay



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. Mail the sample to the appropriate address.
6. The laboratory will respond by fax and mail in a timely manner.

## MAILING ADDRESS

Be sure to use appropriate address to help ensure timely delivery.

### U.S. POSTAL SERVICE only:

Plant Diagnostic Laboratory  
Rutgers, The State University of New Jersey  
PO Box 550  
Milltown, NJ 08850-0550

### Physical address for

### OTHER DELIVERY SERVICES only:

Plant Diagnostic Laboratory  
Rutgers, The State University of New Jersey  
Ralph Geiger Turfgrass Education Center  
20 Indyk-Engel Way  
North Brunswick, NJ 08902

## CONTACT INFORMATION

Telephone: 732-932-9140

FAX: 732-932-1270

E-mail: [clinic@njaes.rutgers.edu](mailto:clinic@njaes.rutgers.edu)

Website:

[www.njaes.rutgers.edu/plantdiagnosticlab](http://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):

\$40 in-state  
\$95 out-of-state

### Fine and sports turf:

In-state:  
\$75 disease/insect diagnosis  
\$120 disease/insect plus nematode assay\*  
Out-of-state:  
\$95 disease/insect diagnosis  
\$170 disease/insect plus nematode assay\*  
\*Combination fee applies only to samples from same green, field, etc.

### Nematode assay:

\$30 in-state (except fine turf)  
\$60 in-state fine turf  
\$95 out-of-state

### Fungus and mold identification:

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

### Insect identification:

\$40 in-state  
\$95 out-of-state

### Plant and weed identification:

\$40 in-state  
\$95 out-of-state

### Special tests:

#### Virus screening:

\$200 diagnostic screen  
- individual test fee varies - call ahead

#### Fungicide resistance screening:

\$350 per compound  
- call ahead to discuss specifics

#### Endophyte screening:

\$75 in-state  
\$100 out-of-state

#### Other services negotiable.

#### 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) 566-2900

**Cape May County**  
(609) 465-5115

**Cumberland County**  
(856) 451-2800

**Essex County**  
(856) 228-3179

**Gloucester County**  
(856) 307-6450

**Hunterdon County**  
(908) 788-1339

**Mercer County**  
(609) 989-6830

**Middlesex County**  
(732) 398-5262

**Monmouth County**  
(732) 431-7261

**Morris County**  
(973) 285-8300

**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

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*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.

[www.njaes.rutgers.edu/plantdiagnosticlab](http://www.njaes.rutgers.edu/plantdiagnosticlab)