



New Jersey Agricultural Experiment Station

COMMERCIAL GROWERS SUBMISSION FORM

Plant Diagnostic Laboratory
Rutgers NJAES
20 Indyk-Engel Way, New Brunswick, NJ 08901
https://NJAES.RUTGERS.EDU/SERVICES
(732) 932-9140
RUTGERSPDL@NJAES.RUTGERS.EDU

Submitter _____
Address _____
Zip _____ County _____
Phone # _____
Fax # _____
E-mail _____

Reason for Sample Submission:

- insect identification
diagnosis of problem

Plant Common Name _____

Scientific Name _____
genus species variety

Date symptoms first appeared: _____

Age of plant: _____

Source of seed, transplant, etc.: _____

Date sample collected: _____

Sample ID: _____

Office Use Only

Lab # _____
Date _____
Received by _____
Chk# _____
Amt. _____

METHOD OF PAYMENT:

- Bill me (commercial clients only)
Cash
Check or Money Order

Credit Card
Credit Card No. [VISA] [MasterCard]

Card number input field

Exp. Date [][] - [][] CVC: _____

Signature: _____

Plant Problem: Please Check All Appropriate Boxes

Table with 4 main columns: Location of Plant, Plant Part Affected, Distribution on Plant, Symptoms. Includes sub-columns for Green-house, Nursery, Field, etc., and rows for various symptoms like Wilt, Canker, Dieback, etc.

Other: _____ Other: _____ Other: _____

Soil Information

Table: Distribution in Planting (Single Plant, Most Plants, In a Group, Down Row, Random)

Table: Soil Type (Sandy, Loam, Clay) and Soil Drainage (Good, Moderate, Poor, pH)

Table: Cultural Practices (No-Till, Conventional Till, In-ground Bed, Container)

Chemicals Applied to Plant or Area

Table with columns: Product, Rate, Date. Rows for Fungicide, Herbicide, Insecticide, Fertilizer, Other.

Growing Practices (Greenhouse)

Table with columns: Soil mix, Pot Size, Heating Source, Watering, Lighting, Comments, Daily Average Temperature, Type of Covering, Type of Air Circulation.

Agent/Submitter Tentative Diagnosis: _____ 050819

HOW TO SELECT AND SEND PLANT DISEASE SPECIMENS TO THE RUTGERS PLANT DIAGNOSTIC LABORATORY

I. SAMPLING:

- a) Collect several samples representing different stages of symptom development.
- b) Obtain samples just prior to shipping to ensure that they are “fresh.” Dried samples are very difficult to analyze.
- c) For small plants, send several entire plants, in their containers if possible.
- d) For trees or shrubs, send a generous woody portion including leaves, flowers, and fruits as available. If possible, send entire plants.

II. PACKING/SHIPPING:

- a) Remove excess water or dew from the sample. Press the material between dry toweling or newspaper. **DO NOT** wrap plant material in plastic or seal in a plastic bag. Wrap each specimen separately and in such a way as to keep any root-ball soil/media in place.
- b) Select a strong container, such as a corrugated box or tube, that will not crush in transit.
- c) Mail samples early in the week. Samples mailed on Thursday or Friday generally remain in the post office over the weekend where high temperatures can stimulate decay.
- d) Complete and enclose this sample submission form and the **appropriate payment (see below) for each sample to be analyzed**. Make checks or money orders payable to **Rutgers, The State University**. See reverse for credit card payment. (Fees are subject to change.) Should extensive laboratory analysis be required, you will be notified of the delay and may be asked to submit additional fees to cover laboratory expenses.

III. PAYMENT: All fees are per sample.*

| | |
|-------------------|-------|
| In-state..... | \$50 |
| Out-of-state..... | \$100 |

*For virus screening, pesticide residue and contaminant testing, or other additional services, please call ahead to discuss available tests, additional fees, and specifics. Phone: (732) 932-9140

IV. SHIPPING ADDRESS: Please use next day shipping for timely delivery of fresh samples.

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