



New Jersey Agricultural Experiment Station

GOLF AND LANDSCAPE TURF SUBMISSION FORM

Plant Diagnostic Laboratory

Rutgers NJAES
PO Box 550

Milltown, NJ 08850-0550

www.njaes.rutgers.edu/services

Submitter _____

Address _____

Zip _____ County _____

Phone # _____

Fax # _____

E-mail _____

Date Collected _____

Turf Species _____

Variety _____

Reason for Sample Submission:

insect identification diagnosis of turf problem

Date symptoms first appeared _____

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.

Exp. Date - Zip Code _____

Signature: _____

Please Check All Appropriate Boxes

| Location of Turf | | | | | Plant Part Affected | | | Visual Symptoms | | | | | | | | | | Distribution of Problem | | | Site Condition | | | |
|------------------|-----|-----|------|----------|---------------------|------|-------|-----------------|-----------------|-----------|-----------|---------------|------|----------|----------|------------------|---------------|-------------------------|----------------|-----------|----------------|---------------|------------|-------|
| Green | Tee | FWY | Lawn | Sod Farm | Leaf | Stem | Roots | Distinct Patch | Ring (Frog-eye) | Leaf Spot | Yellowing | Purple Leaves | Wilt | Stunting | Root Rot | General Thinning | Complete Kill | Wide Spread | Localized Area | Scattered | Compacted | Heavy Traffic | Near Trees | Slope |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Other: _____ | | | | | Other: _____ | | | Other: _____ | | | | | | | | | | Other: _____ | | | Other: _____ | | | |
| | | | | | | | | Total sq. ft.: | | | | | | | | | | | | | | | | |

Please Check All Appropriate Boxes

Please Fill in Required Information Below

| Soil Type | | | Drainage | | | | Exposure | | | Age of Turf | Weather Prior to Symptoms | | | | | Irrigation | | | | | Mowing | |
|-----------|------|------|----------|--------|------|----|----------|-------------|--------|-------------|---------------------------|-------|---------------|-------|----------|------------|---------------|-----------------|--|-----------|--------|-----------|
| Sandy | Loam | Clay | Good | Medium | Poor | pH | Full Sun | Partial Sun | Shaded | | Avg. Temp. | | Avg. Rainfall | | | Freq/Week | Amount (inch) | Time of the Day | | | Height | Frequency |
| | | | | | | | | | | | day | night | past week | month | humidity | | | | | 4 - 12 AM | | |
| | | | | | | | | | | | | | | | | | | | | | | |

Fertilizer(s) Applied this Season

Fungicide(s) Applied Last 2 Months

Insecticide/Herbicide Applied Last 2 Months

| Date | Product | Rate/1000 ft ² | Date | Product | Rate/1000 ft ² | Date | Product | Rate/1000 ft ² |
|-------|---------|---------------------------|-------|---------|---------------------------|-------|---------|---------------------------|
| _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |

Additional Comments: _____

Agent/Submitter Tentative Diagnosis: _____

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

I. SAMPLING:

- a) Select samples from the TRANSITION zone between healthy and affected turf.
- b) Collect several samples representing different stages of symptom development from each location to be analyzed.
- c) Samples should be at least 5" (length) x 5" (width) x 3" (depth).
- d) Obtain samples just prior to shipping to ensure that they are "fresh." Dried turfgrass samples are very difficult to analyze.
- e) Do not use tape to secure insects to paper. Place dry insects in a sturdy container stuffed with paper to prevent damage. Soft bodied insects should be placed in unbreakable containers filled with alcohol.

II. PACKING/SHIPPING:

- a) Wrap the roots and soil in aluminum foil. **DO NOT** wrap grass blades in foil or plastic since they will decay quickly.
- b) Select a strong container, such as a corrugated box, that will not crush in transit.
- c) Use appropriate packing material (i.e., Styrofoam, crushed paper, etc.) to prevent the samples from shifting during transit.
- d) 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.
- e) 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.)

III. PAYMENT: All fees are per sample.

Landscape turf:

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

Fine and sports turf:

In-state: \$75 disease/insect diagnosis
\$120 disease/insect diagnosis plus nematode assay *

Out-of-state: \$95 disease/insect diagnosis

\$170 disease/insect diagnosis plus nematode assay *

* Combination fee applies only to samples from same green, field, etc.

IV. MAILING ADDRESS: Be sure to use appropriate address to help ensure timely delivery.

Physical address for

OTHER DELIVERY SERVICES only:

Plant Diagnostic Laboratory

Rutgers NJAES

Ralph Geiger Turfgrass Education Center

20 Indyk-Engel Way

North Brunswick, NJ 08902

U.S. POSTAL SERVICE only:

Plant Diagnostic Laboratory

Rutgers NJAES

PO Box 550

Mililto, NJ 08850-0550