

PLANT PROBLEM DIAGNOSIS QUESTIONNAIRE



FOR AUBURN USE ONLY  
 Rec: \_\_\_\_\_  
 Plant Sample No. \_\_\_\_\_

FOR COUNTY OFFICE USE ONLY  
 (check for  Client  
 appropriate charge)  Educational

Submit specimens to: Plant Diagnostic Lab, Room 164C, ALFA Agricultural Services & Research Bldg.,  
 961 S. Donahue Dr., Auburn University, AL 36849-5624

The service charge for plant disease diagnosis is \$10-30. The exact charge depends upon the analyses needed for the diagnosis. For **homeowners**, the charge is usually \$10-15. Specific **molecular analyses** will be charged \$30 minimum after consultation with the client. **Out of state** samples will be charged double the in-state rate.

PLEASE COMPLETE ALL RELEVANT SECTIONS

Plant \_\_\_\_\_ Variety \_\_\_\_\_ Date Collected \_\_\_\_\_

Extension Agent \_\_\_\_\_ County \_\_\_\_\_ Phone (\_\_\_\_) \_\_\_\_\_  
 E-mail: \_\_\_\_\_

Grower/Homeowner \_\_\_\_\_ County \_\_\_\_\_  
 Address \_\_\_\_\_ City, State/Zip \_\_\_\_\_  
 Phone(\_\_\_\_) \_\_\_\_\_ e-mail or fax \_\_\_\_\_

Submitter \_\_\_\_\_ County \_\_\_\_\_  
 Address \_\_\_\_\_ City, State/Zip \_\_\_\_\_  
 Phone(\_\_\_\_) \_\_\_\_\_ e-mail or fax \_\_\_\_\_

Agricultural Consultant  Agricultural Maintenance Products  Botanical Garden  Business, Institution  Chemical Company   
 Commer Grower  Extension Agent  Extension Specialist  Farmer's Cooperative  Garden Center  Golf Course   
 Government Agency  Greenhouse/Nursery  Homeowner  Landscape Maintenance Co  Parks, Schools, Municipalities   
 Research  Seed Company  Substation Superintendent  Other \_\_\_\_\_

Send response to: Extension Agent  Submitter  Grower  Other  If other, give name \_\_\_\_\_  
 Have you sent soil separately to the Soil Test Lab for mineral analysis? yes  no

If you include a soil sample with your plant specimen, do you want us to forward it to the Soil Test Lab (charges \$6-8) if we suspect a nutritional/pH problem? yes  no . If we suspect a nematode problem, do you want us to perform a nematode analysis (charge \$10)? yes  no . **One pint of soil is needed for each analysis.**

PLANT INFORMATION  
 all plant types

- 1. Plant Part Affected**  
 \_\_\_ flower  
 \_\_\_ fruit  
 \_\_\_ leaves  
 \_\_\_ roots  
 \_\_\_ stem/twig/ branch  
 \_\_\_ crown (stem area at soil line)  
 other \_\_\_\_\_

- 2. Crop Location**  
 \_\_\_ field  
 \_\_\_ forest/woods  
 \_\_\_ garden  
 \_\_\_ golfcourse  
 \_\_\_ greenhouse/nursery  
 \_\_\_ landscape  
 \_\_\_ lawn  
 \_\_\_ orchard  
 other \_\_\_\_\_

- 3. General Appearance**  
 \_\_\_ abnormal growth  
 \_\_\_ leaf spot/blight  
 \_\_\_ leaf edge scorch  
 \_\_\_ stunted  
 \_\_\_ wilted  
 \_\_\_ yellowed  
 \_\_\_ cankers (stem lesions)  
 \_\_\_ rots  
 \_\_\_ dieback  
 \_\_\_ boring injury  
 \_\_\_ chewing injury  
 \_\_\_ matted - turf  
 \_\_\_ thin turf  
 \_\_\_ greasy water-soaked - turf  
 other \_\_\_\_\_

- 4. Problem Distribution in Field**  
 \_\_\_ entire planting  
 \_\_\_ in spots or localized areas  
 \_\_\_ scattered plants  
 \_\_\_ certain variety  
 \_\_\_ in low areas  
 \_\_\_ upland areas  
 other \_\_\_\_\_

- 5. Problem Severity**  
 \_\_\_ light  
 \_\_\_ moderate  
 \_\_\_ severe

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Planting date: \_\_\_\_\_

Size of planting: acres \_\_\_\_\_ plants (no.) \_\_\_\_\_

Cropping history (if soybeans, include variety) \_\_\_\_\_

Seed treatments \_\_\_\_\_

Recent weather conditions \_\_\_\_\_

When were symptoms first noticed? \_\_\_\_\_

Were symptoms evident last season? \_\_\_\_\_

**FOR ORNAMENTALS ONLY**

How long at this site? \_\_\_\_\_

Height of plant \_\_\_\_\_

How many plants affected? \_\_\_\_\_

How many plants (same type) not affected? \_\_\_\_\_

How watered? \_\_\_\_\_

Watered how frequently? \_\_\_\_\_

Type fertilized applied \_\_\_\_\_

Fertilizer rate & schedule \_\_\_\_\_

Location: \_\_\_\_\_ sunny \_\_\_\_\_ shady

Relation to nearest construction (feet) \_\_\_\_\_

Relation to roadside (feet) \_\_\_\_\_

Present maintenance program (sprays, mulch, etc.) \_\_\_\_\_

**FOR TURF ONLY**

1. month / year estab. \_\_\_\_\_

2. estab. method: seed  sod  sprigs

if sod, where purchased? \_\_\_\_\_

3. check one: green  tee  fairway  rough

home lawn  commercial landscape  sod producer  other

4. mowing type: rotary  reel  flair

5. Height (inches) \_\_\_\_\_

6. Irrigation frequency (per week) amount (inches) \_\_\_\_\_ Time of day \_\_\_\_\_

7. Pattern: spots  circles  patches  rings  irregular  uniform  strips  other  please explain \_\_\_\_\_

8. Distribution: localized  random  underspread

9. Damage situation: wet  dry  compacted  high traffic  excess thatch  shade  full sun  low areas  high areas  slopes

other  please explain \_\_\_\_\_

**SOIL INFORMATION**

Type	Terrain	Drainage
_____ sandy	_____ sloped	_____ good
_____ clay	_____ level	_____ moderate
_____ loam	_____ low	_____ poor

Potting mixture \_\_\_\_\_

Last nematode analysis, date: \_\_\_\_\_

results: \_\_\_\_\_

Soil test, date \_\_\_\_\_

Soil test level of:

pH \_\_\_\_\_ P \_\_\_\_\_ K \_\_\_\_\_

**CHEMICALS APPLIED - DATES AND RATES USED DURING CURRENT GROWING SEASON**

Fertilizer \_\_\_\_\_

Lime \_\_\_\_\_

Micronutrients \_\_\_\_\_

Fungicide \_\_\_\_\_

Insecticide \_\_\_\_\_

Nematicide \_\_\_\_\_

Herbicide, this crop \_\_\_\_\_

Herbicide, previous crop \_\_\_\_\_

Briefly state the problem and ask specific questions

**FOR AUBURN LAB USE ONLY**

SAMPLE DESCR/COND.

Soil pH \_\_\_\_\_ Soil SS \_\_\_\_\_

Microscopic Technique  
\_\_\_\_\_

Culture \_\_\_\_\_

ELISA

OTHER

**SAMPLE REFERRAL DATE**

Soil Testing \_\_\_\_\_

Nematode Analysis \_\_\_\_\_

Tissue Analysis \_\_\_\_\_

Billed \_\_\_\_\_ To \_\_\_\_\_

Diagnosis: \_\_\_\_\_