

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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continued on back

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: _____
