

PLANT SAMPLE SUBMISSION FORM


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FOR AUBURN USE ONLY

Rec. _____

Plant Sample No. _____

FOR COUNTY OFFICE USE ONLY
(Check for appropriate charge)☐ Client☐ 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 \$15-30. The exact charge depends upon the analyses needed for the diagnosis. For homeowners, the charge is usually \$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.

Plant _____ **Variety** _____ **Date Collected** _____

Contact Information

To Be Filled By Extension Agent ONLY:

Extension Agent _____ County _____ Phone (____) _____

Email _____

Grower/Homeowner:

Last Name _____ First Name _____ County _____

Address _____ City, State, Zip _____

Email _____ Phone (____) _____ Fax (____) _____

Submitter: (Consultant, Landscape Company, Sales Representative)

Last Name _____ First Name _____ County _____

Address _____ City, State, Zip _____

E-mail _____ Phone (____) _____ Fax (____) _____

☐ Agricultural Consultant☐ Commercial Grower☐ Golf Course☐ Parks, Schools, Municipalities☐ Agricultural Maintenance Products☐ Extension Agent☐ Government Agency☐ Research☐ Botanical Garden☐ Extension Specialist☐ Greenhouse/Nursery☐ Seed Company☐ Business, Institution☐ Farmers' Cooperative☐ Homeowner☐ Substation Superintendent☐ Chemical Company☐ Garden Center☐ Landscape Maintenance Company☐ Other _____
Send Response to: ☐ Extension Agent ☐ Submitter ☐ Grower ☐ Other ☐ If other, give name _____

 Have you sent soil separately to the Soil Test Lab for nutrient analysis? ☐ yes ☐ no

If you include a soil sample with your plant specimen, do you want us to forward it to:

 The Soil Testing Lab if we suspect a nutritional/pH problem (charge \$7)? ☐ yes ☐ no

 The Nematode Lab if we suspect a nematode problem (charge \$10) ☐ yes ☐ no

NOTE: One pint of soil is needed for each analysis.

Plant Information

Plant Part Affected

☐ flower☐ fruit☐ limbs☐ leaves☐ roots☐ stem/twig/branch☐ crown (stem area at soil line)☐ other _____

Problem Severity

☐ light☐ moderate☐ severe

Crop Location

☐ field☐ forest/woods☐ garden☐ golf course☐ greenhouse/nursery☐ landscape☐ lawn☐ orchard☐ other _____

General Appearance

☐ abnormal growth☐ leaf spot/blight☐ leaf edge scorch☐ stunted☐ wilted☐ yellowed☐ cankers (stem lesions)☐ rots☐ dieback☐ boring injury☐ chewing injury☐ other _____

Problem Distribution in Field

☐ entire planting☐ in spots or localized areas☐ scattered plants☐ certain variety☐ in low areas☐ upland areas☐ other _____

continued on back

Plant Information (cont.)

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 fertilizer applied _____
Fertilizer rate & schedule _____
Location: ☐ full sun ☐ full shade ☐ partial shade

FOR AGRONOMIC CROPS ONLY

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 TURF ONLY

Month / year estab. _____
Estab. method: ☐ seed ☐ sod ☐ sprigs
If sod, where purchased? _____
Check one: ☐ green ☐ tee ☐ fairway ☐ rough
☐ home lawn ☐ commercial landscape ☐ sod producer
☐ other _____
Irrigation frequency (per week) amount (inches) _____
Time of day _____

Pattern:

☐ spots ☐ patches ☐ irregular ☐ strips
☐ circles ☐ rings ☐ uniform ☐ other

If other, please explain _____

Damage situation:

☐ wet ☐ excess thatch ☐ high areas
☐ dry ☐ shade ☐ slopes
☐ compacted ☐ full sun ☐ other
☐ high traffic ☐ low areas

If other, please explain _____

Soil Information

Type

☐ sandy
☐ clay
☐ loam

Terrain

☐ sloped
☐ level
☐ low

Drainage

☐ good
☐ moderate
☐ poor

Last nematode analysis date: _____

Results: _____

Soil test date _____

Potting mixture _____ Soil test level of: pH _____ P _____ K _____

CHEMICALS APPLIED—DATES AND RATES USED DURING CURRENT GROWING SEASON

Fertilizer _____

Lime _____

Fungicide _____

Insecticide _____

Nematicide _____

Herbicides, previous and current crop _____

Briefly state the problem and ask specific questions. _____

FOR AUBURN USE ONLY	Soil pH _____	Soil SS _____	Referral _____	Diagnosis _____
	Microscopy _____		Soil Testing _____	_____
	Culture _____		Nematode Analysis _____	_____
	ELISA _____		Tissue Analysis _____	_____