UTEXTENSION
INSTITUTE OF AGRICULTURE
THE UNIVERSITY OF TENNESSEE

Soil, Plant & Pest Center
5201 Marchant Dr. |Nashville, TN 37211
615-832-5850 | SoilLab@Tennessee.edu
SoilLab.Tennessee.edu

Plant Disease or Insect Submission Sheet

Name: _____

Address: _____

City:_____**State:**____**Zip:**_____

County (*Sample is from*) _____†

Phone: _____

Email(s): _____

Print clearly as to not delay results

Amount: $ _____

Cash

Check# _____

Receipt# _____

Date: _____

Billed: _____

CC Approval #: _____

Online order# _____

Payment may also be made on-line at:
SoilLab.Tennessee.edu

If using a check, make it out to *'University of Tennessee'*

Sample name *(you give this)*	**Plant problem diagnostic** **$15**	**Insect only ID** **$15**	**Golf course plug** **$30**	**Lab #** *(SPPC USE ONLY)*
	☐	☐	☐	

--- We cannot confirm: herbicide damage, household mold, or structural/fell tree wood decay ---

PLANT NAME:_____ **VARIETY:**_____ **YEAR PLANTED:** _____

LOCATION (check one)**:** ☐landscape ☐lawn ☐garden ☐greenhouse ☐field ☐plastic containers ☐in home

PRUNING: How often:_____ **Last time pruned:** _____

PLANT / CROPPING HISTORY: _____ **Past problems:** _____

SYMPTOMS (check all that apply)☐ spots☐ tipburn ☐ distortion ☐ mosaic/mottle ☐ chlorosis ☐ necrosis ☐ rot
☐mildew ☐blisters ☐defoliation ☐wilt ☐dieback ☐blight ☐stunting ☐canker ☐galls

Plant parts affected: ☐ roots/crowns ☐stems/branches ☐leaves ☐fruit ☐whole plant

Description (*be as specific as possible, remember the clinician is only seeing the specimen submitted)*

_____

_____

When did symptoms first appear? _____ **# of plants or area affected:**_____ of _____

Are the symptoms (check one): ☐spreading ☐localized **Symptom development** (check one)**:** ☐gradual ☐sudden.

Distribution of diseased plants (check one): ☐scattered ☐clustered ☐in a row or pattern

IRRIGATION:☐Yes ☐No Source:_____ **Method:** ☐sprinkler ☐trickle ☐drip ☐furrow other _____
How much water per application?_____ **How often and when?** _____

WEATHER (*immediately prior to and during development of symptoms*)**:**☐wet ☐dry ☐humid ☐windy ☐dusty ☐hail ☐heat

SOIL: ☐ sandy ☐loamy☐clayey☐potting media ☐raised bed other_____ **Drainage:** ☐poor ☐well

FERTILIZER / CHEMICAL HISTORY (names, rates, and dates)**:** _____

Specific questions or concerns you would like addressed? _____

Recommendations for: ☐commercial applicator ☐ commercial producer ☐ homeowner

Pictures to email are:
1) The plant as a whole.
2) The landscape area around the plant.
3) Base of the plant and root flare.
4) Any holes, weeping, or other damage.

• Email pictures to:
plant_pictures@tennessee.edu
• Or scan the QR code to quickly pull up the email address.

†The University of Tennessee collects and summarizes sample data for research and extension education purposes.
By submitting this sample you, or your agent, agree to this action. UT Extension provides equal opportunities in programs and employment.
Programs in agriculture and natural resources, 4-H youth development, family and consumer sciences, and resource development.

Instructions for Collecting, Preparing, and Mailing Samples

Plant Disease Samples

1. Submit a COMPLETED Submission Sheet.
2. Send a whole plant sample, if possible. Dig plants out of the soil (DO NOT PULL). Gently shake excess soil from roots.
3. DO NOT wash roots.
4. When not possible to send whole plants, always send generous samples of above-ground portions (6 - 12 leaves per branch), and a good handful of feeder roots.
5. The sample must show various stages of symptom expression. When the whole plant can't be collected, select sample from the margin of the diseased area. Include a healthy plant if possible.
6. DO NOT send dry or dead material.
7. Enclose plant material in plastic bags; Bag root separate from above-ground portions. Place entire plant into a larger plastic bag.
8. DO NOT add water to any sample; DO NOT mix several host species in a single bag.
9. Send specimens immediately after collecting. If holdover periods are encountered, keep specimen (s) cold. Mail packages to arrive on weekdays (Monday thru Friday) rather than during a weekend or holiday.
10. Dead plants, material that is dry or decomposing on arrival and specimens arriving without necessary information and payment cannot be processed.

Insect Specimens

1. Submit a COMPLETED Submission Sheet.
2. Samples used to be preserved in alcohol, but that is a shipping hazard. County offices have or can order propylene glycol vials from the Center for safe shipping. Please contact your county office for these safe shipping vials.
3. Place sample in vial, and protect vial by placing newspaper around vial. Place vial in a padded envelope or sturdy box for shipping.

Turf or Golf Course Samples

1. Submit a COMPLETED Submission Sheet. PICTURES are required. Photos from standing height looking out across the turf are ideal. We must see the damage pattern.
2. When the disease is active, collect a cup-cutter sized plug (4" diameter) that is 4 - 5 inches deep from the edge of the infected area. That is take a plug from a good to bad transition. Wrap the plug in aluminum foil or saran wrap to keep it intact.
3. Ship overnight or bring immediately to the Center.
4. Collect samples prior to fungicide applications.

Please be advised, if pests of regulatory significance are identified on submitted samples, we are required to notify the Tennessee Department of Agriculture.