

Plant & Pest Diagnostic Laboratory

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(PPDL-1-W)

Office Use Only:
Sample #: _____
Date Received: _____
Account #: _____

Submitter's Name _____ **Client, Check if same as submitter.**
Business _____ Client Name/Business _____
Address _____ Address _____
City _____ State _____ City _____ State _____
Zip _____ County _____ Zip _____ County _____
Phone _____ Phone _____
Email _____ Email _____

<p>Please include a check or money order (payable to Purdue University) \$11 per sample (\$22 out-of-state)</p> <p>WE DO NOT ACCEPT CREDIT CARDS DO NOT SEND CASH!</p>	<p>_____ Perform only routine diagnosis (\$11 in-state/\$22 out-of-state)</p> <p>_____ Please notify submitter if additional fees for advanced testing are needed</p> <p>_____ Perform additional advanced testing if necessary (up to \$50)</p>	<p>Email reply to: _____ Submitter _____ Client</p> <p>Surface mail to: _____ Submitter _____ Client</p> <p>Send invoice to: _____ Submitter _____ Client</p> <p>_____ Copy Extension Educator</p>
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Information about Submitter/Client (please check one each for submitter & client)				Check information desired:	
Submitter	Client	Submitter	Client	_____ Problem identification	
_____	_____	_____	_____	_____ Specimen identification	
_____	_____	_____	_____	_____ Control recommendations	
_____	_____	_____	_____	_____ Other _____	
_____	_____	_____	_____		

Plant and Pest Information

Plant/Host: _____ Cultivar/Variety: _____ Field ID: _____

Location (choose one):			Degree of Damage	Insect Problem?
_____ In dwelling	_____ Greenhouse	_____ Field/Farm	(choose one):	(choose one):
_____ Tree/Shrub	_____ Nursery	_____ Aquatic	_____ Heavy	_____ Damaging plant
_____ Orchard	_____ Animal/Human	_____ Other _____	_____ Medium	_____ Biting/Stinging
_____ Stored grain/Food product	_____ Flower/Vegetable Garden		_____ Light	_____ Infesting food
**Turf/Lawn and Golf Course samples use form PPDL-5-W				_____ Nuisance

for Plant/Weed Identification Only

Plant type:	Plant size:	Flowers:	Fruits:	Plant age:
_____ Tree	_____ Deciduous	_____ Height	_____ Color	_____ Annual
_____ Shrub	_____ Evergreen	_____ Width	_____ Month(s)	_____ Perennial
_____ Groundcover	_____ Herbaceous	_____ Size	_____ Size	(# years _____)

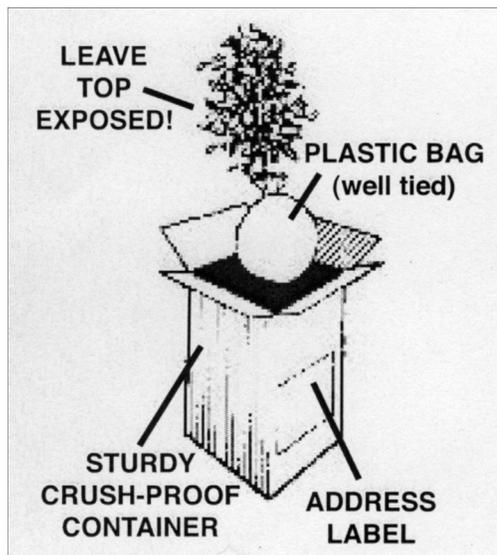
Unique features (bark, leaves, odor, thorns, etc.): _____

Date planted: _____ % of plants affected: _____ Date first noticed problem: _____

Chemicals/fertilizers applied (past 2 years; include rates): _____

Describe the problem (Include symptoms, plant parts affected, pattern of occurrence, etc. Attach separate sheet if necessary)

Your tentative diagnosis/ID: _____



FILLING OUT THE FORM

1. Complete the form on the reverse side to the best of your ability. Give complete information pertinent to the sample, including background information.
2. State the problem clearly and indicate specific information desired.
3. Photographs or digital images of the problem site are helpful.
4. Attach an additional sheet if further explanation is necessary.
5. Submit form in separate zip lock bag along with the specimen.

HOW TO COLLECT AND SHIP SPECIMENS

1. Collect fresh specimens. Send an ample amount of material, if available.
2. Ship in crush-proof container immediately after collecting. If holdover periods are encountered, keep specimen cool. MAIL PACKAGES EARLY IN THE WEEK TO ARRIVE BY THURSDAY.
3. Incomplete information or poorly selected specimens may result in an inaccurate diagnosis or inappropriate control recommendations. Badly damaged specimens are often unidentifiable and additional sample requests can cause delays.

SUBMITTING PLANT SPECIMENS FOR DISEASE/INJURY DIAGNOSIS

1. HERBACEOUS PLANTS: for general decline/dying of plants, send WHOLE PLANTS, showing EARLY SYMPTOMS, with roots and adjacent soil intact. DIG UP PLANT CAREFULLY. Send several plants. Bundle plants together and wrap roots in a plastic bag. Wrap the entire bundle of plants in newspaper and place in a crush-proof container for shipment. DO NOT ADD WATER.
2. TREE WILTS: collect branches 1/2 to 1 inch in diameter from branches which are actively wilting but NOT totally dead. Wrap in plastic to retain moisture. Collect a handful of feeder roots and place in a plastic bag.
3. LEAVES/BRANCHES/FLESHY PARTS: when localized infections such as cankers, leaf spots and rots are involved, send specimens representing early and moderate stages of disease. For cankers include healthy portions from above and below diseased area. Press leaves flat between heavy paper or cardboard. Wrap fleshy parts in dry paper.
4. TURF: Please use form [PPDL-5-W](#) for all turf samples. Instructions and new charges are listed on form.

SUBMITTING PLANT SPECIMENS FOR IDENTIFICATION

1. Include a 6-10 inch sample of the terminal (tip) portion of the stem with side buds, leaves and flowers in identifiable condition.
2. Place the sample flat between a layer or two of DRY newspaper, paper toweling or similar absorbent material. Try to prevent excessive folding of the leaves and place flowers so that you are looking into the center of the flower.
3. Pack the wrapped bundle in plastic, preferable with a piece of cardboard to keep the sample flat.
4. NEVER PLACE ANY FRESH PLANT SAMPLE DIRECTLY IN PLASTIC!
5. NEVER ADD WATER TO THE SAMPLE.
6. Shake excess water from AQUATIC WEED SAMPLES and place in plastic bag.
7. Wrap whole, uncut fruit specimens in paper, place in a strong box, and pack with additional paper to prevent crushing.
8. Package in sturdy crush-proof container and pack with additional paper to prevent shifting.

SUBMITTING INSECT SPECIMENS

Care should be taken to package insects so that they arrive unbroken. Be sure to separate and label the insects if two or more are included in the same package and provide appropriate information on each.

1. TINY AND/OR SOFT-BODIED SPECIMENS: such as aphids, mites, thrips, caterpillars, grubs, and spiders should be submitted in a small leakproof bottle or vial of 70 percent alcohol. Rubbing (isopropyl) alcohol is suitable and readily available. Do not submit insects in water, formaldehyde or without alcohol as they will readily ferment and decompose.
2. HARD-BODIED SPECIMENS: such as flies, grasshoppers, cockroaches, wasps butterflies and beetles can be submitted dry in a crush-proof container. Do not tape insects to paper or place them loose in envelopes.

QUESTIONS ABOUT THIS FORM

1. If you have any questions about this form or need to contact the lab please email us at ppdl-samples@purdue.edu.
2. If you have photos of your physical submission the above email address should also be used. Please state in your email that you are sending a physical sample.