D-827
Rev 05/11

AgriLIFE EXTENSION
Texas A&M System

TEXAS PLANT DISEASE DIAGNOSTIC LABORATORY
1500 Research Parkway, Suite A130
Texas A&M University Research Park
College Station, Texas 77845
e-mail: plantclinic@ag.tamu.edu phone: 979.845.8032 fax: 979.845.6499
http://plantclinic.tamu.edu

Accurate disease identification, diagnosis and management recommendations are dependent on submission of appropriate specimen with thorough background information. Incomplete information and/or poor sample may lead to inaccurate diagnosis. Refer to the back of this form for sampling and mailing instructions.

TPDDL use only.

PLANT NEMATODE DETECTION FORM

SUBMITTER CONTACT INFORMATION **(PLEASE PRINT)**

Name: _____

Company Name (if commercial): _____

Address: _____

City: _____ **County:** _____ **State/Zip:** _____

Phone: _____ **Fax:** _____

E-mail: _____

Submitter is ☐ Extension personnel ☐ State/Federal agent ☐ Homeowner* ☐ Farmer ☐ Consultant ☐ Golf course ☐ Lawn/Tree Care Co. ☐ Nursery/Greenhouse/Garden Center ☐ Dealer Distributor ☐ Other

GROWER CONTACT INFORMATION *(please complete if different from submitter)*

Name: _____

Company Name (if commercial): _____

Address: _____

City: _____ **County:** _____ **State/Zip:** _____

Phone: _____ **Fax:** _____

E-mail: _____

Grower is ☐ Extension personnel ☐ State/Federal agent ☐ Homeowner* ☐ Farmer ☐ Consultant ☐ Golf course ☐ Lawn/Tree Care Co. ☐ Nursery/Greenhouse/Garden Center ☐ Dealer Distributor ☐ Other

Send results to: ☐ Submitter ☐ Grower **Send result via:** ☐ E-mail ☐ Fax ☐ Standard mail ☐ **Send copy to County AgriLife Extension Agent** *HOMEOWNER - County Agent will be cc: report unless specified ☐ do not notify

TPDDL # (Clinic use only)	Submitter Reference #	Current Crop	Previous Crop

Recent pesticide & chemical application

	Product name	Date
Fertilizer(s)		
Fungicide(s)		
Insecticide(s)		
Herbicide(s)		
Other		

PLANT DAMAGE DESCRIPTION

Please complete form for nematode services (if applicable). Please PRINT and mark ☒ all that apply.

PLANT: _____ **variety/cultivar:** _____ **Planting date:** _____

Date first noticed: _____ **Soil pH:** _____ **Problem developed:** ☐ Suddenly ☐ Gradually

If you have consulted other labs, what was concluded? _____

Symptoms: ☐ Dead plant ☐ Wilting ☐ Rot ☐ Yellowing ☐ Stunting ☐ Burn/scorch ☐ Root galls ☐ Other: _____

Distribution of problem plant(s): ☐ Isolated plant(s) ☐ Scattered plants ☐ Large area ☐ Small localized area

Watering practices: ☐ Sprinklers ☐ Drip system ☐ Less than 3 times/week ☐ More than 3 times/week ☐ Hand water ☐ Variable/as needed ☐ Daily ☐ None

As of June 1, 2011: Routine nematode detection charge is $35 per sample. All out-of-state samples will be assessed a $20 surcharge/sample. For complete fee schedule, visit http://plantclinic.tamu.edu.

Please make checks payable to **Texas AgriLife Extension Service.**
Send bill to ☐ Submitter ☐ Grower Acct/PO reference _____
☐ Check to decline additional services beyond routine diagnostic procedure.
I agree to pay a minimum of $35 for this service; fees may be greater based on services performed.
† Signature required before sample can be processed

Signature _____

Printed name _____

Submission date _____
† AgriLife Extension personnel exempted

The **Texas Plant Disease Diagnostic Laboratory (TPDDL)** is a service to the people of Texas by the Department of Plant Pathology and Microbiology at Texas A&M University, in conjunction with the Texas AgriLife Extension Service. The TPDDL is open from 8:00 am to 12:00 pm and 1:00 pm to 5:00 pm Monday-Friday (except holidays) and is located at the Centeq Building at the Texas A&M University Research Park in College Station. A map to locate the TPDDL can be found at http://campusmaps.tamu.edu. Samples and payments should be submitted to:

Texas AgriLife Extension Service – TPDDL
1500 Research Parkway, Suite A130
College Station, TX 77845
Phone: 979.845.8032 Fax: 979.845.6499
E-mail: plantclinic@ag.tamu.edu Web site: http://plantclinic.tamu.edu

Routine Diagnostic Fee	$35
Out-of-state surcharge	$20

Complete fee schedule, visit http://plantclinic.tamu.edu

TPDDL POLICY

1. A submitted sample must be of adequate quality and quantity and accompanied by a completed PLANT NEMATODE DETECTION FORM (D-827) or equivalent information. This form is available through our Web site at http://plantclinic.tamu.edu. NOTE: Inadequate samples will not be processed, with the option to resubmit offered to the client.
2. A sample must be accompanied by payment or a completed PLANT NEMATODE DETECTION FORM (D-827) unless prior arrangements have been made with TPDDL personnel. No refunds will be made.
3. Samples are typically processed on a first come, first served basis.
4. Report (results and recommendations) are e-mailed, faxed or mailed to the person(s) specified on the submission form. If not specified, the payee of services will receive the report. All homeowner results are electronically sent to our Texas AgriLife Extension county agent in the county of sample origin for information and appropriate actions (future assistance), unless specified otherwise on form.
5. Client must supply complete crop/plant identification for recommendations to be made.

NEMATODE SAMPLING GUIDELINES

Accurate nematode analysis depends on proper soil and/or plant sampling, packing and shipping.

1. To determine nematode problems on plants, a sampling must contain plants, roots and soil. Avoid dead plants, as decomposing or dead roots will often harbor fewer nematodes. A minimum of 500 cc (1 pint) of soil and approximately 2 cups of roots are required for proper nematode detection. Place roots and soil into the same sample bag. For small plants, submit the entire plant if feasible. Place specimen in bag for shipment.
2. Soil sampling: Scrape litter from the surface. Sample may be taken with shovel, trowel, auger or other device. Sampling depth is dependent on size of plant: 3-6 inches deep on turf/lawn, 6 inches deep for most bedding plants, 8-10 inches for most woody ornamentals, 12 inches for trees. When taking soil samples from turf/lawn or an open area before planting, take soil from approximately 20 different spots in the area. Combine the soil in a bucket and submit a subsample of 1 pint to ½ gallon.
3. Soil samples can be taken any time of the year when soils are not frozen or when there is sufficient moisture for cultivation. Samples taken soon after harvest are more reliable than those taken during winter months and/or early spring prior to root development. ***Soils that are excessively wet or dry will NOT give an accurate nematode determination.*** Optimum soil moisture content for sampling is when soil is friable and crumbly.
4. If submitting more than one sample, please LABEL the outside of each bag clearly with a permanent marker.
5. Seal sample bag to keep sample moist. A dried-out sample will not give an accurate nematode determination. **DO NOT ADD ADDITIONAL WATER to sample.**
6. Keep sample(s) out of direct sunlight and/or heat. Heat and UV light can kill nematodes. Keep sample cool (refrigerated if possible), but not frozen.
7. Handle sample gently to avoid crushing, which may result in inaccurate results.
8. COMPLETE the Plant Nematode Detection Form (D-827). Make sure the identification on the form matches the labels on sample bags. Enclose the Plant Nematode Detection Form (D-827) and payment in an envelope to accompany the sample(s). Use additional sheets or forms if submitting more than 5 samples.
9. Mail, ship or deliver sample(s) in a box to the TPDDL as soon as possible.

SERVICES NOT PROVIDED

The TPDDL does not routinely provide the following services to our clientele:

1. Pesticide residue determination in and/or on plants and soil.
2. Soil nutrient levels, soluble salts or plant tissue analysis (contact Soil Testing Lab at http://soiltesting.tamu.edu)
3. Speciation on all pathogens isolated from plant disease specimens.
4. Mycotoxin analyses. Contact Office of Texas State Chemist (http://otsc.tamu.edu) for private lab listing.
5. Toxic plant identification.

Please contact TPDDL for information on other specific tests. Additional cost may be levied. A complete fee schedule can be found at http://plantclinic.tamu.edu.