

TPDDL use only.

Sample #:

Pmt type:

Amt:

Texas Plant Disease Diagnostic Laboratory

1500 Research Parkway, Suite A130

Texas A&M University Research Park

College Station, Texas 77845

Email: plantclinic@tamu.edu

Phone: 979.845.8032 Fax: 979.845.6499

http://plantclinic.tamu.edu



D-827
6/17

Plant Nematode Detection Form

Submitter contact information (Please print.)

Grower contact/sample location information
(Complete if different from submitter.)

Name: _____ Name: _____

Company name (if commercial): _____ Company name (if commercial): _____

Address: _____ Address: _____

City: _____ State/Zip: _____ City: _____ State/Zip: _____

County: _____ County: _____

Phone: _____ Phone: _____

Email: _____ Email: _____

Submitter is: AgriLife personnel Homeowner Consultant Golf course Commercial Other _____

Send result via: Email Standard mail Send results to: Submitter Grower Third party _____

TPDDL # (Clinic use only)	Submitter reference #	Current crop	Previous crop	Planting date

Complete form for diagnostic services. PRINT and mark all that apply.

Date first noticed: _____ Problem developed: Suddenly Gradually

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

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

Pesticide/chemical application in last 3 weeks? Yes No If yes, product(s) applied? _____

Have you contacted an AgriLife Extension Agent about this problem? Yes No

Would you like for us to send a copy of your results to your County Extension Agent? Yes No

As of January 01, 2017: Nematode Detection Assay is \$35 per sample. All out-of-state samples will be assessed a \$20 surcharge/sample. Refer to the back of this form to view sampling and mailing instructions. For a more detailed nematode sampling guide, please visit <http://plantclinic.tamu.edu/services>.

Send bill to: Submitter Grower Third party _____ Acct/PO Ref: _____

Make checks payable to Texas AgriLife Extension Service.

I agree to pay a minimum of \$35 for this service; fees may be greater, based on services performed. I understand that accurate disease identification, diagnosis, and management recommendations are dependent on submission of appropriate specimens with thorough background information. Incomplete information and/or poor samples may lead to inaccurate diagnosis.

Signature: _____ Printed name: _____ Date: _____

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 a.m. to 12:00 p.m. and 1:00 p.m. to 5:00 p.m. 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 is available at <http://campusmaps.tamu.edu>.

For general plant disease diagnostics, see form D-1178: <http://plantclinic.tamu.edu/forms/d1178/>

For commercial grape growers, see form D-1004: <http://plantclinic.tamu.edu/forms/d1004/>

Find test details at <http://plantclinic.tamu.edu/services> and fee schedule at <http://plantclinic.tamu.edu/fees>. Please contact TPDDL for any additional information. Be sure to check us out on Instagram, Facebook, and YouTube.

Samples and payments should be submitted to:

Texas AgriLife Extension Service – TPDDL
1500 Research Parkway, Suite A130
College Station, TX 77845

TPDDL Policy

1. A submitted sample must be of adequate quality and quantity and accompanied by a completed Plant Nematode Detection Form (D-827). This form is available through our website at <http://plantclinic.tamu.edu>. Quality of diagnosis depends on the quality of the submitted sample.
2. Inadequate/poor samples will be processed with the option to resubmit offered to the client. The resubmitted sample will not incur an additional charge unless an additional/appropriate test is needed to provide accurate diagnosis.
3. No refunds will be made. Base fee of \$35 will be assessed; additional testing will be assessed additional fees.
4. Reports (results and recommendations) are emailed or mailed to the person(s) specified on the submission form. If not specified, the payee of services will receive the report.
5. All specimens will be disposed of appropriately once analysis is completed.

Nematode Sampling Guidelines

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

To view a more detailed nematode sampling guide, please visit <http://plantclinic.tamu.edu/services/>.

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/or roots are requested for proper nematode detection. Place the specimen in a bag for shipment.
2. Soil sampling: Scrape litter from the surface. Gather the sample with a shovel, trowel, auger, or other device. Sampling depth is dependent on the size of the plant: 3 to 6 inches deep on turf/lawn, 6 inches deep for most bedding plants, 8 to 10 inches for most woody ornamentals, 12 inches for trees. When taking soil samples from turf/lawn or an open area before planting, take a composite 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 the soil is friable and crumbly.
4. If submitting more than one sample, clearly LABEL the outside of each bag with a permanent marker.
5. Seal the sample bag to keep the 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 the sample cool (refrigerated if possible), but not frozen.
7. Handle the 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 the sample bags. **Keep the form in a separate plastic bag from the sample(s).** Use additional sheets or forms if submitting more than eight samples.
9. Ship samples to the above address by overnight delivery or mail early in the week to ensure fast delivery. Same-day or next-day service is recommended.

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. Mycotoxin analyses (Contact Office of Texas State Chemist at <http://otsc.tamu.edu> for private lab listing.)
4. Plant identification
5. Regulatory and enforcement (Contact your regional TDA office at <https://www.texasagriculture.gov>)