

Sample Submission Form

Mail samples to:
 UF Plant Diagnostic Center pdc@ifas.ufl.edu
 2570 Hull Rd, Bldg 1291 Phone (352) 392-1795
 Gainesville, FL 32611-0830
 plantpath.ifas.ufl.edu/extension/plant-diagnostic-center/

Center staff only:	
County:	_____
PDC #:	_____
Date:	_____
Ship&type:	_____
Pmt:	_____

Submitter Information:	Check all that apply:	Client Information:
Name: _____	<input type="checkbox"/> <u>Commercial</u> <input type="checkbox"/>	_____
Company: _____	(grower, consultant, pest control)	_____
Address: _____		_____
City/Zip: _____	<input type="checkbox"/> <u>Homeowner</u> <input type="checkbox"/>	_____
Phone: _____		_____
Email: _____	<input type="checkbox"/> <u>UF Extension or Research</u> <input type="checkbox"/>	_____

Email results to: <input type="checkbox"/> Submitter <input type="checkbox"/> Client <input type="checkbox"/> 3rd party Email: _____ Send payment receipt to: <input type="checkbox"/> Submitter <input type="checkbox"/> Client <input type="checkbox"/> 3rd party Email: _____ <input type="checkbox"/> Rush Service (\$50: 1-5 sample(s); \$100: 6+ samples) Payment is due before reports can be provided.

Plant and Site Information (* indicates mandatory field)

*US county of sample origin: _____ US State if not FL: _____

*Symptoms first noticed (MM/YY): _____ *Sample collected (DD): _____ *Age of planting _____

*Plant & Variety/Cultivar: _____

Reference or Field ID: _____

*Planting Type: Field Interior Forest Garden Grove/Orchard Landscape Nursery Greenhouse Other: _____

*Irrigation type and frequency: _____ Exposure: Full sun Partial shade Full shade


*Pesticides applied in past 45 days: _____

*Production system (check appropriate box) Conventional Certified organic

*Number of plants affected: _____ Total acreage or number of plants: _____

Describe the problem. Include symptoms, plant parts affected, pattern of occurrence, etc.

Send photos to PDC@IFAS.UFL.EDU, submitter name in subject line. _____

	<h3>Payment information</h3> <p>Payment due before reports can be sent. (this portion of the form will be shredded after transaction) Please submit payment with submission or follow the payment link in your sample receipt.</p> <p>Credit card number: _____ CVV: _____</p> <p>Name as it appears on card: _____</p> <p>Expiration date (mm/yy): _____</p>	<p>Florida: \$40 per sample, Outside of Florida: \$50/sample; additional \$50 Rush Service Fee for 1-5 sample(s), \$100 for 6+ make check payable to: University of Florida PDC</p>		
<p>_____</p>		<table border="1"> <tr> <td>*Center staff only* PDC #:</td> <td>Amount: \$</td> </tr> </table>	*Center staff only* PDC #:	Amount: \$
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The University of Florida Plant Diagnostic Center (UFPDC) is a service provided to any Florida resident by the Institute of Food and Agricultural Sciences (IFAS), University of Florida in conjunction with the Cooperative Extension Service. The UFPDC is open from 9:00am-5:00pm Monday-Friday (except state holidays) and is located on the University of Florida campus at Gainesville. Submit sample and payment payable to:

University of Florida PDC
Bldg 1291, 2570 Hull Road
PO Box 110830
Gainesville, FL 32611-0830

Phone (352) 392-1795
Email: PDC@IFAS.UFL.EDU
Website: plantpath.ifas.ufl.edu/extension/plant-diagnostic-center/

\$40.00 PER IN-STATE SAMPLE

The primary role of the UFPDC is to determine if the plant dysfunction involves an infectious causal agent, e.g. fungus, bacterium or virus. This is done by associating causal agents with symptomatic plant tissue. The UFPDC does not routinely test water or soil for plant disease causal agents.

It is the UFPDC policy that:

- 1) We focus on samples that originate within the geographical boundaries of the State of Florida, but accept samples from all US states and Territories with this form. The fee for domestic samples originating outside of the State of Florida is \$50.
- 2) Plant samples must be adequate in the quality and quantity with a completed Plant Sample Submission Form or equivalent information. Obtaining the appropriate sample before submission will save both time and shipping expense. NOTE: UFPDC staff reserve the right to immediately discard any sample not meeting the submission criteria listed below. Payments will be applied to submission of replacement samples.
- 3) Samples can be submitted to the UFPDC in the following manners:
Mail or deliver samples directly from the grower (e.g. homeowner, farmer, nursery, etc.) to the UFPDC. Samples must be accompanied by payment to ensure timely release of disease determinations and recommendations. Clientele can arrange for a prepaid credit account by contacting UFPDC staff. Sample charges may vary according to tests needed.
- 4) Samples are processed on a first come, first served basis in most cases. The exception to this rule is our **rush service**. Rush services include the sample(s) being processed immediately upon delivery and communication within 2 business days to report preliminary results. There is a flat fee of \$50 for 1-5 samples and \$100 for six or more samples with rush services.
- 5) Plant disease determinations and associated control options are emailed to the person(s) specified on the form. If none are indicated, the submitter &/or person who pays for the sample will receive the results. No recommendations will be sent without complete identification and crop situation.
- 6) Sample fees must be paid before sample reports can be sent. Please submit payment with sample or pay online via the link in your sample receipt email from PDC@IFAS.UFL.EDU.

GENERAL SAMPLE SUBMISSION GUIDELINES

Please see our tips for sample submission on-line at:

<https://plantpath.ifas.ufl.edu/misc/media/PDC/brochure-sample-submission.pdf>

- 1) Submit generous amounts of plant material representing a range of symptoms.
- 2) Do not add water or pack a sample that is wet.
- 3) Keep samples refrigerated after collection until they are submitted. After collecting good samples, do not ruin them by allowing them to bake in the sun or on the back seat of a car prior to submission.
- 4) Do not mix samples in the same submission bag. Moisture from root samples will contribute to the decay of foliage samples if they are mixed together.
- 5) Plant disease identification procedures do not utilize soil or water. Excess soil can be hand shaken from root systems but leave enough soil to keep roots at field moisture levels.
- 6) Please mark sample packages with "Warning" if sample has thorns or spines.
- 7) All samples must be accompanied with a completed Sample Submission Form. Give complete information on the form and **KEEP THE FORM SEPARATE FROM THE SAMPLE**. Limit sample information to one (1) sample per form. You are encouraged to include any other pertinent information in addition to that on the form.
- 8) Remember to note recent pesticide history on the Sample Submission Form accompanying the sample (last three weeks).
- 9) Samples arriving from sites in Florida that are 2 days or less mailing time from Gainesville, can be sealed in plastic bags for shipping.
- 10) Samples arriving from distances greater than 2 days mailing time from Gainesville should be packed tightly in a box with dry paper. Do not seal in plastic because the likelihood of sample deterioration during the mailing period. Do not add moisture.
- 11) Mail samples early in the week to avoid the weekend layover in the post office. We recommend overnight shipping via courier with tracking services only. It is important for the sample to arrive within 48 hours of collection.
- 13) See guidelines for specific types of plant dysfunction on our website (Plant Sample Submission and Diagnoses RFSR007).

SERVICES NOT PROVIDED

Presently, the UFPDC does not routinely provide the following service to clientele:

- 1) Pesticide residue determinations in or on plants and soil.
- 2) Soil Nutrient levels, soluble salts, soil pH, or plant tissue analysis for macro or minor elements.
- 3) Speciation on pathogens isolated from plant disease samples.
- 4) Microbe identification from non-plant samples.
- 5) Toxic plant identifications or mycotoxin analysis.

SERVICES PROVIDED UPON SPECIAL REQUEST

The following procedures are available upon specific request and only after discussion with UFPDC staff. These procedures are both time-consuming and more costly than the normal sample charge; please see our website for up-to-date listing of tests available and pricing.

- 1) Pathogen determinations from water sources.
- 2) Pathogen determinations from soil or growing media by baiting or culturing methods.
- 3) Laboratory verification of the phytoplasma responsible for lethal yellowing disease of palms by PCR methods.
- 4) Specific diagnosis of the subspecies of fungus responsible for Fusarium wilt of Phoenix palms (*Fusarium oxysporum* f. sp. *canariensis*) by PCR
- 5) Molecular diagnosis of *Xylella fastidiosa*, viruses, citrus greening, laurel wilt, or sudden oak death/ramorum blight.