

UF IFAS
 UNIVERSITY of FLORIDA
 NFREC
 155 Research Road
 Quincy, FL 32351
 Phone: 850-875-7140
 Fax: (352) 846-6617
 Monday-Friday 8 am- 5 pm

Find the location: [click Google maps](#)

Fanny Iriarte, Ph.D. - Diagnostician
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 Mathews Paret, Ph.D.
 Associate Professor of Plant Pathology
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Sample No: _____
 Collected: _____
 Received: _____
 Paid: \$ _____
 Check No. _____
 Do not invoice _____
FOR LAB USE ONLY

Fees: Basic \$30/sample; PCR \$40; qPCR & RT-PCR \$50.
 Please make checks payable to: **University to Florida**

PLANT DISEASE DIAGNOSTIC CLINIC Sample Submission Form

Referring Agent	Home Owner ___ Commercial Grower ___ Consultant
Name	Name:
	Company:
Address:	Address:
County:	County:
E: mail:	E: mail:
Phone:	Phone:

Plant:	Location (circle one)		Prevalence(circle one or more)	
Cultivar :	Field Nursery Landscape/Yard Grove/orchard Garden	Greenhouse Forest Interior Green/Fairway Other	One or few plants	Entire crop
Acreage affected :			Spots or patches	Localized area
Approx. Age of plant:			Edge of field only	Scattered areas
Recently transplanted?			Low/High/dry/wet areas	Field edge/random
			Shaded/sunny areas	Other

Overall plant appearance	Root (circle)	Stem/Branch/twigs (circle)	Leaves/needles (circle)	Flower/Fruit/seeds (circle)
Stunted	Gall	Canker	Mottle or mosaic	Necrotic
Elongated	Brown	Girdled	Abnormal or twisted growth	Chlorotic
Gnarled	Black	Dark lesions	Chlorotic/Necrotic spots	Scabby
Wilted	Tissue sloughing off	Tip die back	Blight/Marginal necrosis	Uneven ripening
Blighted	Root rot	Other	Premature leaf fall	Deformed
Other	Crown Rot		Deformed	Rot
	Other		Other	Other
Date symptoms first appeared:			Have you had this problem before?	

Other injuries: ___Hail ___Wind ___Freeze or Frost ___Sun ___Insects: _____
 Irrigation: ___Furrow ___Overhead ___Trickle ___None How often: _____
 Soil: Type _____ pH _____ Drainage: ___Good ___Moderate ___Poor

Chemicals applied to crops in last two weeks (rate and date of application): _____

Comments: _____

DIAGNOSIS RESULT:

Please be advised that records produced as a result of this analysis are public records
 Subject to disclosure under Florida law.

UF IFAS NFREC PDC is a National Plant Diagnostic Network Facility
<http://nfrec.ifas.ufl.edu/>

INSTRUCTIONS FOR SUBMITTING PLANT SAMPLES

This form provides the necessary information for submitting samples to the Plant Disease Diagnostic Lab. The manner in which samples are collected, preserved, and submitted ensures a proper identification in a timely and efficient way. Materials needed for submission of samples include:

- UF NFREC plant sample submission form
- A Ziploc bag for the form and a plastic bag for the plant sample
- Paper towel
- A box or some kind of shipping container

PREPARING PLANT SAMPLES FOR SUBMISSION

1. Submit generous amounts of plant material representing a range of symptoms. Do not submit samples that are dry, too far gone or dead plant material as they are not good for diagnosis.
2. Keep samples refrigerated after collection until they are submitted.
3. **Turf samples** should be collected near the margin of the affected area so that a range of diseased and healthy tissue is included. Two cup cutters plugs are usually sufficient. Send at least 1 or 2 pictures of overall symptoms as seen in a landscape, yard or golf course green. Pictures can be printed or e-mail to the diagnostician. Wrap samples in newspaper or paper towel before being sealed in a plastic bag.
4. For suspected **virus** problems (*Rose rosette virus* - RRV, *Tomato yellow leaf curl virus* - TYLCV, *Cucurbit leaf crumple virus* - CLCrV, or others), please send not only leaves but also some lower stems or better yet include the whole plant whenever possible.

HOW TO PACK AND MAIL PLANT SAMPLES

1. Write down as much information as possible on the sample submission form.
2. Place the sample submission form inside the Ziploc bag. The bag will protect the form from damage.
3. Do not mix two or more different plant samples in the same plastic bag.
4. Place the plant material inside another plastic bag, do not add any extra moisture. If sample is wet wrap it with paper towel.
5. Place both, form and plant sample inside a box.
6. Mail samples early in the week to avoid the weekend layover in the post office.
7. For suspected virus problems, please send samples FedEx overnight or UPS next day services.

PAYMENT OPTIONS

1. Please make the check payable to '**University of Florida**'. We do not accept credit cards.
2. For large number of samples, monthly or quarterly payment may be set up. Please call or e-mail us to discuss payment arrangements that will work for you.

Our mission is to protect Florida and U.S Agriculture by rapid and accurate identification of plant pathogens using traditional and molecular diagnostic techniques.

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