

HOURS OF OPERATION

Monday through Friday
8:00 a.m.–5:00 p.m.

LOCATION & MAILING ADDRESS

Samples are accepted via drop off, US Mail, or other delivery services Monday through Friday, excluding holidays. To confirm the lab is open and accepting deliveries, please contact the lab at 239-658-3431.

Send Plant and Weed Samples to:

Plant Disease Diagnostic Clinic
2685 State Road 29 North
Immokalee, Florida 34142

Remember to include a completed sample submission form with all samples.

Plant Diagnostic Clinic—Submission Form

http://swfrec.ifas.ufl.edu/docs/pdf/plant-path/plant-clinic/pdc-submission_form.pdf

Plant Diagnostic Clinic—Weed Identification Form

http://swfrec.ifas.ufl.edu/docs/pdf/plant-path/plant-clinic/pdc-weed_identification_form.pdf

It is recommended to ship samples early in the week to ensure arrival before the weekend.

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2. Pamela Roberts, professor, Plant Pathology Department; Shea Teems, lab manager; Ramdas Kanissery, assistant professor, Weed Science; Katherine Hendricks, biological scientist IV/molecular biologist; Joubert Fayette, former diagnostician, Plant Disease Diagnostic Clinic; UF/IFAS Southwest Florida Research and Education Center; and Jamie Burrow, Extension program manager, UF/IFAS Citrus REC; UF/IFAS Extension, Gainesville, FL 32611.

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CONTACTS

UF/IFAS Southwest Florida Research and Education Center

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UF/IFAS Extension Offices with Citrus Agents

Hardee, Hendry, Highlands, Lake, Polk,
St. Lucie, Sumter

Websites

UF/IFAS Southwest Florida REC
<http://swfrec.ifas.ufl.edu>

UF/IFAS Southwest Florida REC Plant Pathology
<http://swfrec.ifas.ufl.edu/programs/programs/veg-path/>

UF/IFAS Southwest Florida REC Weed Science
<http://swfrec.ifas.ufl.edu/programs/weed-science>

Plant Disease Diagnostic Clinic and Submission Forms
<http://swfrec.ifas.ufl.edu/programs/veg-path/plant-clinic>

Local UF/IFAS Extension Office
<http://sfyl.ifas.ufl.edu/find-your-local-office/>

Florida Plant Diagnostic Network
<http://fpdn.ifas.ufl.edu>

Southwest Florida Plant Diagnostic Clinic¹



Assisting Florida growers and homeowners in plant disease and weed management

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UNIVERSITY of FLORIDA

ABOUT US

- The Plant Pathology program at the UF/IFAS Southwest Research and Education Center, also part of the Florida Plant Diagnostic Network, delivers plant diagnostic services to the state and region.
- The Plant Diagnostic Clinic offers disease, insect, and weed identification services to all Florida citizens.
- Weed identification services are offered in conjunction with the UF/IFAS SWFREC Weed Science program, which focuses on weed control and herbicide use associated with citrus and vegetable production in South Florida.
- The UF/IFAS SWFREC Plant Pathology program studies diagnosis, pathogen characterization, epidemiology, and management of plant diseases on a wide range of crops.



HISTORY

The Plant Diagnostic Clinic was fully reopened in 2014. In 2017, weed identification was added.



PLANT DIAGNOSTIC CLINIC

What is the cost to have a sample tested?

- The Plant Diagnostic Clinic charges \$40.00 per sample.

What types of plants are tested?

- Any agricultural crop in the South Florida region can be submitted for testing. The most common plants tested are tomatoes, watermelons, bell peppers, squash, and citrus.

What type of disorders can be tested?

- The clinic will run diagnostic tests to determine if there is a plant disease. If no pathogens are detected, then the symptoms may be caused by other problems such as phytotoxicity or nutritional disorder.
- The clinic does not test soil samples.

What type of sample should be sent?

- Leaves, fruit, roots, or the entire plant will be accepted for testing.
- Sample should be of sufficient quantity and quality for testing.
- Details can be found on Diagnostic Clinic submission forms.

How long does it take to receive the results?

- The length of time to make a diagnosis will vary depending on the testing required for each sample submission.



WEED SCIENCE SERVICES

What weed science services are available?

- Identification of weeds
- Identification of invasive plants
- Diagnosis of herbicide phytotoxicity
- Herbicide residue management.

What types of plants are tested?

- Any agricultural crop in the South Florida region, as well as any weed or plant affecting them, can be submitted for testing.

Weed identification can be made by one of the following options:

- Submit a fresh plant sample to the clinic, via mail or dropped off in-person.
- Email a high-quality photo along with a completed Weed Identification form to rkanissery@ufl.edu.

What type of sample should be sent?

- Submit adequate plant material representing a range of symptoms. This may include leaves, fruit, roots, or the entire plant.
- Whole plant(s), including roots, are preferred for weed identification.
- Sample should be of sufficient quantity and quality for testing.
- If submitting photos, ensure they are of high resolution, clear, and with good lighting to show symptoms and growing location. Where possible, include a photograph of the whole plant with roots. A contrasting background is recommended for visualizing plant characteristics.
- More details can be found on the Plant Diagnostic Clinic—Weed Identification form.

For more information about weed identification services, contact Dr. Ramdas Kanissery at rkanissery@ufl.edu or 239-658-3455.