

How to Identify if you have Q-Biotype Silverleaf Whiteflies

For Residents

Palm Beach Whitefly Task Force Website: <http://www.pbcgov.com/coextension/horticulture/whitefly>

There are at least 65 species of whiteflies in Florida, and not all are as difficult to control as the silverleaf (*Bemisia tabaci*) whitefly.

The Palm Beach County Extension office, located on Military Trail at the address below, can identify if you have silverleaf whiteflies. We cannot identify if you have the Q-Biotype silverleaf whitefly.

For silverleaf whitefly identification only, bring specimens in a sealed Ziploc style bag to the following address, Monday through Friday from 8:00 AM to 5:00 PM, excluding holidays. If you want to know if you have the Q-biotype, specimens need to be prepared and submitted as explained further below.

Cooperative Extension Service, Mounts Building
531 N. Military Trail
West Palm Beach, FL 33415
561.233.1750

For Q-Biotype Identification

- DPI Sample Submission Form: <http://forms.freshfromflorida.com/08400.pdf>
- DPI Instructions for Filling Out the Sample Submission Form:
http://www.freshfromflorida.com/content/download/61813/1413451/Specimen_Submission_Form_Hints_Generic.pdf
- DPI Sample Submission Webpage (streaming video instructions):
<http://www.freshfromflorida.com/Divisions-Offices/Plant-Industry/Business-Services/Submit-a-Sample-for-Identification>

Instructions for Safely Submitting Silverleaf Whiteflies for Biotype Identification

- 1) Place leaves with at least 20 adult whiteflies in a rolled paper towel and then into a Ziploc style bag. Adults are the stage that can fly. (see photo)
- 2) After sealing the bag, place in another Ziploc style bag and seal.
- 3) Place overnight in your freezer. Do not ship live specimens!
- 4) Place the dead whitefly specimen containing Ziploc bags in a small protective box.
- 5) Mail box to:

FDACS, Division of Plant Industry
The Doyle Conner Building
1911 SW 34th Street
Gainesville, FL 32608-1201
Attn: Ian Stocks