

FOR INFORMATION AND ACTION  
DA-2011-11  
March 4, 2011

SUBJECT: Mediterranean Fruit Fly, *Ceratitis capitata* – Establishment of a New Quarantine Area in the Pompano Beach Area of Broward County, Florida

TO: STATE AND TERRITORY AGRICULTURAL REGULATORY OFFICIALS

On February 25, 2011, the Animal and Plant Health Inspection Service (APHIS) established a new Mediterranean fruit fly (Medfly) quarantine area, effective immediately, in the Pompano Beach area of Broward County, Florida. APHIS is applying restrictions on the interstate movement of regulated articles from the quarantine area. These actions are necessary in order to prevent the spread of Medfly to noninfested areas of the United States. This Medfly outbreak is considered to be transient, actionable, and under eradication.

On January 31, 2011, two adult male Medflies were detected on a single residential property in the Pompano Beach area of Broward County, Florida. APHIS, in cooperation with the Florida Department of Agriculture and Consumer Services, is responding to this confirmed Medfly finding. This confirmed finding triggered the establishment of the new quarantine area, which encompasses approximately 48-square miles of Broward County.

Fruit fly traps have been deployed at protocol levels to conduct a delimitation survey surrounding all Medfly detection sites. Spinosad foliar bait spray treatments are being applied to all host trees surrounding the detection site at 7-10 day intervals in conjunction with the removal of any existing fruit. As a treatment to control Medfly populations within the new quarantine area, Sterile Insect Technique (SIT) is being conducted over the entire quarantine area. SIT is an eradication tool, which consists of the massive aerial release of sterile male Medflies into the detected wild population in order to reduce reproduction. Sterile male Medflies are released at a rate of 250,000-per-square-mile each week.

The establishment of this quarantine area will be reflected on the following designated website, which contains a description of all the current Federal fruit fly quarantine areas:

[http://www.aphis.usda.gov/plant\\_health/plant\\_pest\\_info/fruit\\_flies/index.shtml](http://www.aphis.usda.gov/plant_health/plant_pest_info/fruit_flies/index.shtml)

APHIS anticipates following this action with the publication of a notice in the *Federal Register* informing the public of this change. For additional information on the Medfly Eradication Program, you may contact Wayne Burnett, APHIS Exotic Fruit Fly Director, at (301) 734-6553.

**/s/ Paul R. Eggert /for**

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