

FOR INFORMATION/ACTION
DA-2005-33
October 18, 2005

SUBJECT: *Ceratitis capitata* (Medfly), Quarantine Area in San Bernardino County, California and detections in Santa Clara County, California.

TO: STATE AND TERRITORY AGRICULTURAL REGULATORY OFFICIALS

From September 23rd, 2005 through October 5th, 2005, 4 adult wild Medflies and three wild Medfly larvae have been detected at four different sites within the same core square mile in a residential area of Rancho Cucamonga, CA. On October 7th and 9th two more wild adult Medflies were detected in a separate core square mile approximately 2 1/2 miles northeast of the original detections. On October 18, a mated wild female medfly, was trapped in a IPMT trap in a grapefruit tree. This detection is 2.3 miles southeast of the original group of finds.

An original Federal and State quarantine was established of approximately 81 square miles surrounding the first group of detections. The Federal quarantine was established by Federal Order on October 4th. With the new detections establishing a new core, CDFA and APHIS will expand the quarantine boundaries. Foliar treatment, using protein bait spray (Spinosad), will be applied to all host trees within 200 meters of detection sites.

On October 5th, 2005 and October 9th 2005 two wild Medflies were captured approximately 1 mile apart in a residential area of southern San Jose, CA. Normal increased delimitation survey is being conducted surrounding the two detection sites.

Foliar treatment will be applied to all host trees within 200 meters of the detection surrounding the detections in San Jose. The rate of aerial sterile fly release will be increased to 250,000 sterile male Medflies per square mile per week in a 10 sq mile area surrounding the infested property



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