

FOR INFORMATION AND ACTION
DA-2006-50
November 21, 2006

SUBJECT: *Bactrocera dorsalis* (Oriental Fruit Fly) - Quarantined Area in Orange County, California

TO: STATE AND TERRITORY AGRICULTURAL REGULATORY OFFICIALS

This SPRO memorandum provides notification that APHIS is expanding the quarantine list to include areas in Orange County and applying restrictions on interstate movement of regulated articles from that area. These actions are necessary to prevent the spread of Oriental Fruit Fly (OFF) to non-infested areas of the United States.

Twelve adult and one pupa Oriental Fruit Fly were detected from October 16, 2006 until November 14, 2006 in both Jackson traps baited with Methyl Eugenol and McPhail traps baited with torula yeast in the Santa Ana area of Orange County, California. One pupa was also detected inside of a grapefruit collected from a tree in the same area. The area where all of the detections were made is residential. These detections triggered the initiation of this quarantine. The quarantine boundary was established to encompass approximately 93 square miles of Orange County, California.

There are no commercial host production sites in the quarantine area. There is one major airport, John Wayne/Orange County Airport, within the quarantine area. The closest host production is about 200-300 acres of avocados approximately ½ mile to the east of the quarantine area.

A male annihilation treatment of 600 bait stations of Naled/Methyl Eugenol per square mile is being applied to a 1 ½ mile area surrounding each detection for a total of 13 square miles and will be repeated at two week intervals for two life cycles after the last fly captured. Foliar treatment, using protein bait spray (Spinosad), is being applied to all host trees within 200 meters of each detection.

This action is effective immediately. Attached is the [Federal Domestic Quarantine Order](#) delineating the new quarantine area for Oriental Fruit Fly in Orange County, California. This will be reflected in an Interim Rule that we anticipate will soon be published in the Federal Register for public comment in accordance with the provisions of the Administrative Procedures Act.

John H. Payne for

Richard L. Dunkle
Deputy Administrator
Plant Protection and Quarantine