



DATE: July 18, 2013
TO: County Agricultural Commissioners
FROM: Pest Detection/Emergency Projects
SUBJECT: **PEST DETECTION ADVISORY NO. PD07-2013**
Oriental Fruit Fly, *Bactrocera dorsalis* complex

Orange County - Santa Ana, Anaheim

On June 10, 2013, a single male oriental fruit fly (OFF) was detected in a Jackson/methyl eugenol trap along Woodlawn Avenue in Santa Ana. This fly was found within the Santa Ana OFF delimitation and treatment area (PD05-2013), resulting in an extension of the temperature/lifecycle model. CDFA is conducting male attractant eradication treatment in a nine-square mile area around each detection site.

CDFA trapper Jose Meza is credited with detecting the OFF.

June 17 and July 8, 2013, two male oriental fruit flies (OFF) were detected in Jackson/methyl eugenol delimitation traps (PD03-2013, PD05-2013) placed on South Beach Boulevard and South Delano Street in Anaheim. This will extend the temperature/lifecycle model. CDFA is conducting male attractant eradication treatment in a nine-square mile area around the detection sites.

CDFA trapper Angelina Paniagua is credited with detecting the OFFs.

Los Angeles County - Glendale, Artesia, Cerritos

On June 11, 2013, a single male oriental fruit fly (OFF) was detected in a Jackson/methyl eugenol trap placed on Eden Avenue in Glendale.

Los Angeles County trapper Rudy Aragon is credited with detecting the OFF.

The Jackson/methyl eugenol and McPhail trap density was five traps per square mile in the area of the detection site. In response, the trap density was increased to 25 traps in the epicenter square mile.

July 9, 10, 11 and 13, 2013, four male oriental fruit flies (OFF) were detected in Jackson/methyl eugenol traps placed on Cotner Avenue, Cerritos, and Ibex Avenue, Norwalk Boulevard and Horst Avenue in Artesia.

Los Angeles County trapper Luis Cordova and CDFA trapper Guadalupe Segura are credited with detecting the OFFs.



The Jackson/methyl eugenol and McPhail trap density was five traps per square mile in the area of the detection sites. In response, the trap density was increased to 25 traps in the epicenter square miles.

CDFA will begin male attractant eradication treatment in a nine-square mile area around the detection sites.

CDFA Insect Biosystematists, Dr. Steve Gaimari and Dr. Martin Hauser made the determinations.

SUMMARY – 2013 Oriental Fruit Fly Detections

<u>COUNTY</u>	<u>ADULTS DETECTED</u>	<u>DATE LAST ADULT DETECTED</u>	<u>LARVAL PROPERTIES</u>
Orange	7	June 17, 2013	0
Los Angeles	5	July 13, 2013	0
	<hr/>		<hr/>
	12		0

Reference PDRs: AH0P06000017, AH0P06000019, AH0P06000047, 190P06058624, 190P06058657, CE2P06161568, CE2P06161569, CE2P06161570

Prepared by: CDFA – PD/EP, jls



DATE: July 18, 2013
TO: County Agricultural Commissioners
FROM: Pest Detection/Emergency Projects
SUBJECT: **PEST DETECTION ADVISORY NO. PD08-2013**
Guava Fruit Fly, *Bactrocera correcta*

Orange County - Garden Grove

On June 11, 2013, a single male guava fruit fly (GFF) was detected in a Jackson/methyl eugenol trap placed along Monroe Street.

CDFA trapper John Evans is credited with detecting the GFF.

The Jackson/methyl eugenol and McPhail trap density was five traps per square mile in the area of the detection site. In response, the trap density was increased to 25 traps in the epicenter square mile.

Santa Clara County – San Jose, Cupertino

On July 3, 2013, two male guava fruit flies (GFF) were detected in Jackson/methyl eugenol traps placed along Lavonne Avenue and McCreery Avenue in San Jose.

The Jackson/methyl eugenol and McPhail trap density was five traps per square mile in the area of the detection sites. In response, the trap density was increased to 25 traps in the epicenter square miles.

July 5, 2013, a third male GFF was detected in a delimitation trap on Berrywood Drive.

CDFA trappers Cindy Bauer, Linda Gould and Daniel Yabarra are credited with detecting the GFFs.

CDFA has begun male attractant eradication treatment in a nine-square mile area around these sites.

July 16, 2013, a single male GFF was detected in a Jackson/methyl eugenol traps placed along Bret Avenue in Cupertino. This find is geographically separate from the GFFs in the treatment area. The Jackson/methyl eugenol and McPhail trap density was five traps per square mile in the area of the detection site. In response, the trap density was increased to 25 traps in the epicenter



square mile. Cooperative Agricultural Support Services trapper Paul Rico is credited with detecting the GFF

CDFA Insect Biosystematists, Dr. Steve Gaimari and Dr. Martin Hauser made the determinations.

SUMMARY – 2013 Guava Fruit Fly Detections

COUNTY	ADULTS DETECTED	DATE LAST ADULT DETECTED	LARVAL PROPERTIES
Orange	1	June 11, 2013	0
Santa Clara	4	July 16, 2013	0
	<hr/> 5		<hr/> 0

Reference PDRs: AH0P06000018, SJ0P06002924, SJ0P06002925, SJ0P06002990, SJ0P06002926

Prepared by: CDFA – PD/EP, jls



DATE: July 18, 2013
TO: County Agricultural Commissioners
FROM: Pest Detection/Emergency Projects
SUBJECT: **PEST DETECTION ADVISORY NO. PD09-2013**
Peach Fruit Fly, *Bactrocera zonata*

San Bernardino County – Chino, Chino Hills

On June 14, 2013, a single male peach fruit fly (PFF) was detected in a Jackson/methyl eugenol trap placed along Carillo Street in Chino.

Two additional single male PFFs were detected in Chino and Chino Hills on July 1 and July 11 along Osmunda Avenue and Biscayne Street, respectively.

San Bernardino County trapper Sherry Miller is credited with detecting the PFFs.

The Jackson/methyl eugenol and McPhail trap density was five traps per square mile in the area of the detection sites. In response, the trap density was increased to 25 traps in the epicenter square miles.

CDFA has begun male attractant eradication treatment in a nine-square mile area around each site.

Solano County – Fairfield

On July 3, 2013, a single male peach fruit fly (PFF) was detected in a Jackson/methyl eugenol trap placed along Cambridge Drive.

The Jackson/methyl eugenol and McPhail trap density was two traps per square mile in the area of the detection site. In response, the trap density was increased to 25 traps in the epicenter square mile and five Jackson/methyl eugenol traps in the remaining 80 square miles.

Solano County trapper Andrew Boatright is credited with detecting the PFF.

CDFA Insect Biosystematists, Dr. Steve Gaimari and Dr. Martin Hauser made the determinations.



SUMMARY – 2013 Peach Fruit Fly Detections

COUNTY	ADULTS DETECTED	DATE LAST ADULT DETECTED	LARVAL PROPERTIES
San Bernardino	3	July 11, 2013	0
Solano	1	July 3, 2013	0
	<hr/> 4		<hr/> 0

Reference PDRs: 360P06176223, 360P06176225, 360P06176226, 480P06095205

Prepared by: CDFA – PD/EP, jls