



CDFA™

# DETECTION ADVISORY

PLANT HEALTH AND PEST PREVENTION SERVICES  
PEST DETECTION / EMERGENCY PROJECTS

November 25, 2002

PD74-02

TO: County Agricultural Commissioners

FROM: Pest Detection/Emergency Projects

Mexican Fruit Fly (MxFF)

**San Diego County**

San Diego

Two male MxFFs were trapped on November 21 and 22, 2002 at the same Edgeware Road site. They were found in a McPhail trap that was placed in sapote. San Diego County Department of Agriculture trapper Greg Slawson and CDFA inspector Maria Bullard are credited with finding the MxFFs.

In response CDFA will increase the McPhail trap density to an 80-40 array in the nine square mile area around the finds.

Reference PDR 177466; 194511

Valley Center

Twenty-five MxFFs were trapped on November 22 and 23. MxFF larvae were found on November 23 at one site along Santa Catalina Road.

MEXICAN FRUIT FLY TRAP FINDS

Date Found	Location	City	Host	Trap Type	Number Found/Sex
11/22/02	Dowling Ln.	Valley Center	Grapefruit	McPhail	3 mated females 5 unmated females 2 males
11/22/02	East/San Geroimino Dr.	Valley Center	Avocado	McPhail	1 unmated female
11/22/02	Keys Creek Rd.	Valley Center	Grapefruit	McPhail	1 mated female 2 unmated females 2 males
11/22/02	Dowling Ln.	Valley Center	Grapefruit	McPhail	2 unmated females
11/22/02	Dowling Ln.	Valley Center	Tangerine	McPhail	1 mated female 1 unmated female
11/22/02	Dowling Ln.	Valley Center	Grapefruit	McPhail	1 male 2 unmated females
11/23/02	Keys Creek Rd.	Valley Center	Orange	McPhail	1 mated female
11/23/02	Keys Creek Rd.	Valley Center	Orange	McPhail	1 unmated female

In response, CDFA has deployed McPhail traps per protocol for new MxFF finds. In addition, an eradication plan is being developed that will include pesticide treatments and sterile release (S.I.T.). Fruit is being stripped from hosts within the infested area. CDFA inspectors Alicia Ruiz, Emelina Greene, Mike Sampayan, and Kevin Martindale, are credited with finding the MxFFs.

Since November 21 thirty-two MxFFs have been trapped in the Valley Center area. MxFF larvae have been found at two sites.

CDFA Insect Biosystematist Kevin Hoffman made the determinations.

SUMMARY - 2002 MEXICAN FRUIT FLY FINDS

COUNTY	ADULTS TRAPPED	DATE LAST ADULT TRAPPED	LARVAL PROPERTIES
Los Angeles	7	10/24/02	1
San Bernardino	1	11/12/02	0
San Diego	37	11/23/02	2
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Reference PDR's 1135839; 135627; 135851;027317; 135632; 135633;135631;135630  
1096651; 135629

Prepared by: John Pozzi