



# Olive News



April 3, 2007  
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Results and Plans for 2007**

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## **SACRAMENTO VALLEY OLIVE DAY**

**April 16, 2007**

**Memorial Hall - Orland**

**Shasta Street between 3rd & 4th Streets**

**Co-Sponsored by Musco Family Olives, Bell-Carter Olives,  
and the Glenn Co. Ag. Commissioner**

- 7:30 a.m.     **Registration**
- 8:20           **Introductions** – *Bill Krueger, UCCE Glenn County*
- 8:25           **Ag. Commissioner Update**  
*Jean Miller, Glenn County Ag. Commissioner's Office*
- 8:55           **Olive Fly Research Update**  
*Marshall Johnson, UC Entomologist, Kearney Ag. Center*
- 9:35           **Pest Control District Updates**  
Glenn County-- *Jean Miller*  
Tehama County--*Chris Henderson, Tehama County Olive Grower*
- 9:45           **Local Olive Fly Trapping Results and Plans for 2007**  
*Bill Krueger, UCCE Glenn County*
- 9:55           **Break**
- 10:15          **Mechanical Harvest Update**  
*Louise Ferguson, UC Olive Specialist*
- 10:45          **Super High Density Olive Oil Plantings**  
*Paul Vossen, UCCE Sonoma County*
- 11:15          **California Olive Committee Activities Update**  
*Christi Darling, COC Manager*
- 11:35          **Table Olive Outlook**  
*Adin Hester, Olive Growers Council*
- 12:00          **Lunch**  
*Sponsored by Musco Family Olives and Bell Carter Olives*

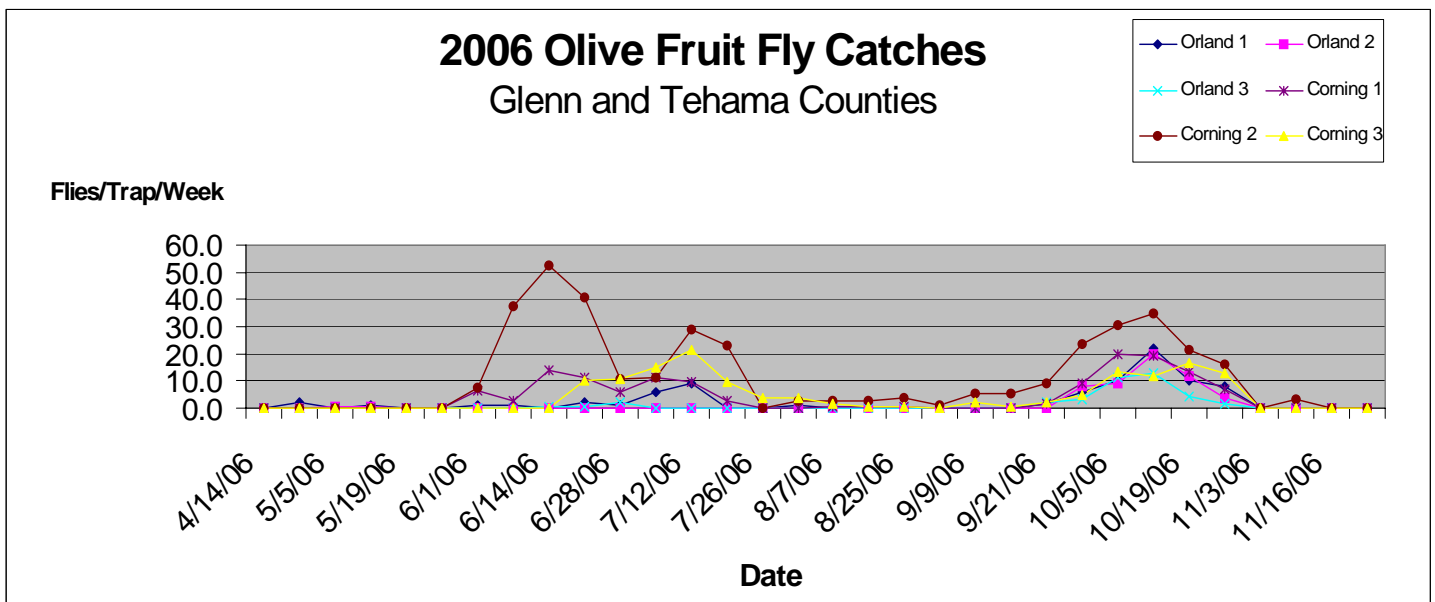
**Please phone (865-1105) or e-mail (jesamons@ucdavis.edu) your reservation for the complimentary lunch before April 12 so that we may accommodate all guests.**

PCA and Grower Credit has been applied for and is pending.  
1/2 hours Laws & Regulations - 2 hours Other

# Olive Fly Trapping Results for Glenn and Tehama Counties for 2006 and Plans for 2007

Olive Fly populations were monitored weekly at 3 sites in Glenn County (Orland area) and 3 sites in Tehama County (Corning area) starting in April of 2006 and ending November 22<sup>nd</sup> of 2006. We used plastic McPhail traps instead of yellow sticky traps because previous work in Glenn and Butte Counties had shown them to catch more flies. Two sites in each county were unsprayed and one was sprayed. Trap results and observations were posted weekly on the Glenn County UC website (<http://ceglenn.ucdavis.edu>) and are graphically summarized below. Trap catches began in April, peaked mid June to mid July, declined to near zero with the onset of high temperatures from late July through mid September, resumed with cooler temperatures at the end of September and had declined to 0 in all locations by mid November. Ovipositional stings were observed in all of the Tehama County sites on July 19, 2006. However, with the onset of high temperatures, these did not develop into easily detected larval infestations. The resurgence in trap catches in late September coincided with reports from local canneries of increased levels of infestation on fruit delivered in October. All the locations in Tehama County had higher total catches than any of the sites in Glenn County. The higher trap catches observed for Tehama County sites compared to Glenn County locations has been observed in other years in other trapping programs, but has not been correlated with higher area wide levels of fruit infestation.

Trapping to monitor Olive Fly populations in individual orchards is recommended. This will allow growers and PCA's to follow trends in their orchards and help evaluate spray program efficacy. Having an idea of area-wide population trends will help growers and PCA's interpret results from their orchards.



We will be conducting a similar program in 2007. Traps were put out on March 21<sup>st</sup> and were checked on March 28<sup>th</sup>. A few flies have been caught in Glenn and Tehama Counties; see our website for more information. It will be useful to see how population trends develop over time and vary from year to year. As more information becomes available on the effect of environment (temperature and food and water availability) on olive fly populations, it may better explain what is observed in the traps and allow us to use trapping information as part of the information used to determine when and if sprays are necessary.

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