

Olive Fly Observations, 2007

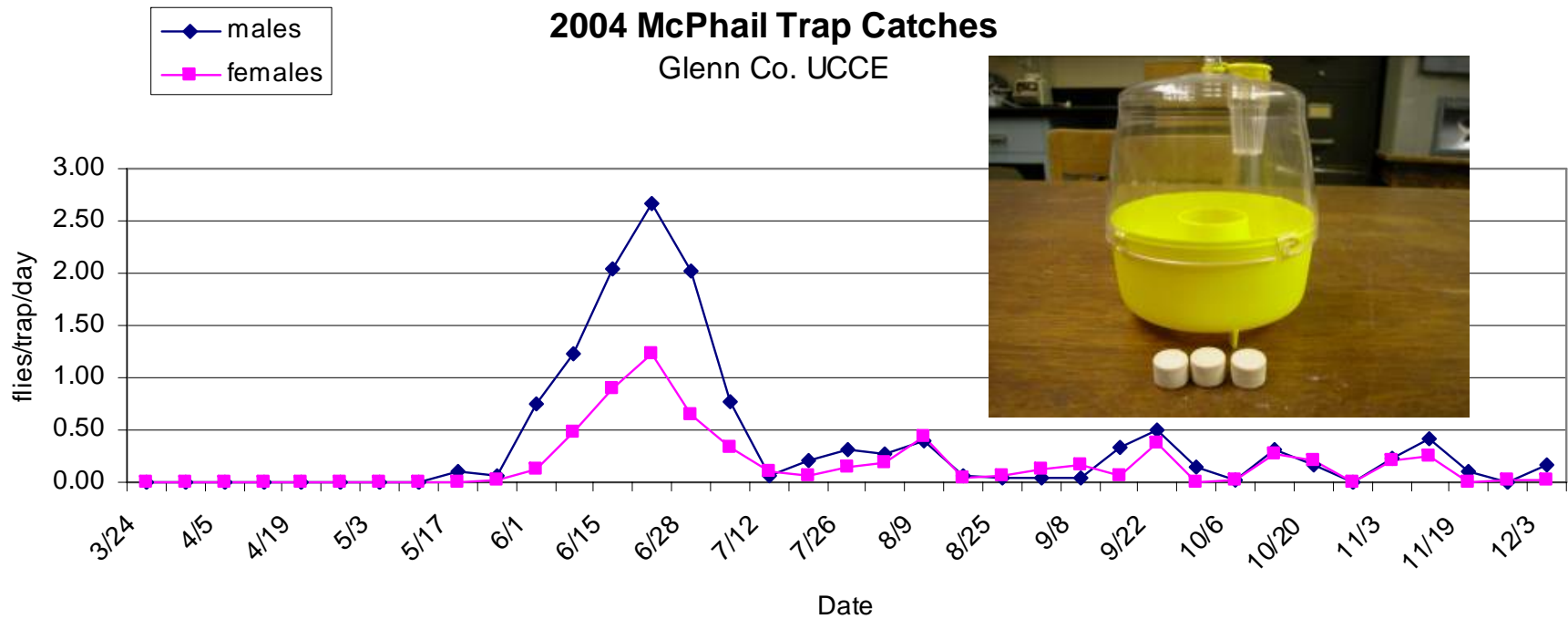
Bill Krueger
UCCE Glenn and Tehama
Counties

Trapping Program

- Part of educational program that includes
 - Educational meetings
 - Olive Day
 - Field meeting
 - Newsletters
- 6 sites, 3 in Glenn and 3 in Tehama
- Same sites in 2006 and 2007
- In 2006 4 of the 6 sites were unsprayed
- In 2007 4 of the 6 sites were sprayed

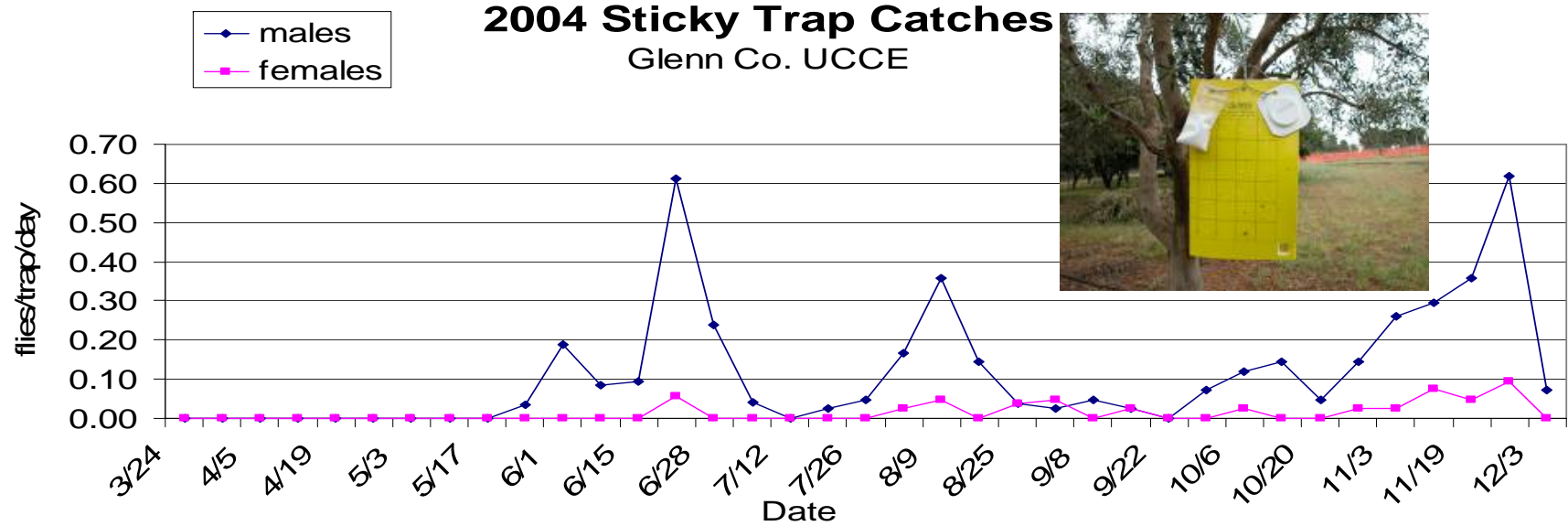
2004 McPhail Trap Catches

Glenn Co. UCCE



2004 Sticky Trap Catches

Glenn Co. UCCE

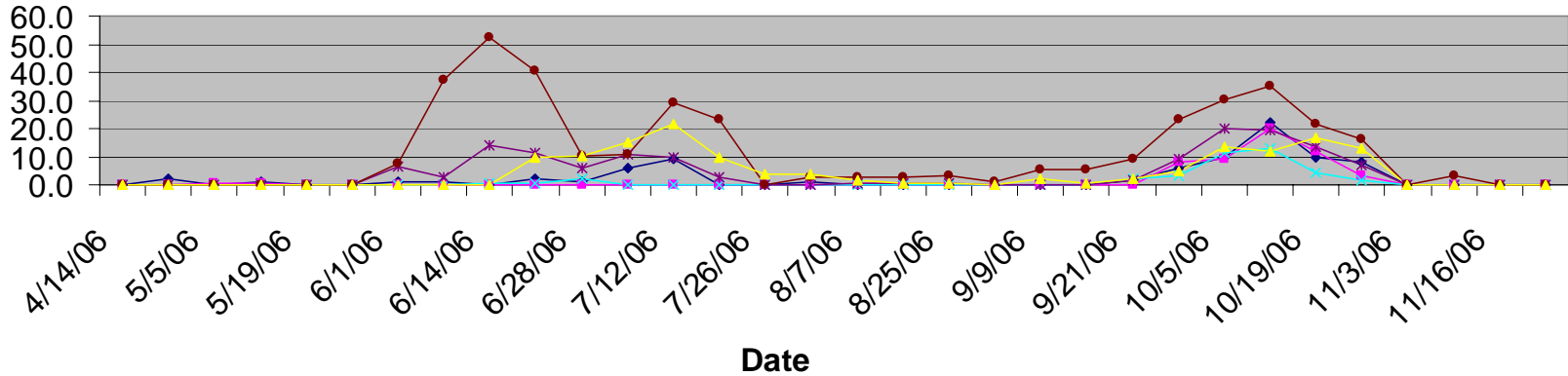


2006 Olive Fruit Fly Catches

Glenn and Tehama Counties

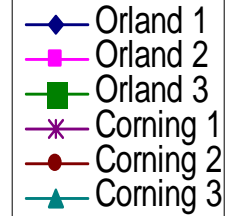


Flies/Trap/Week

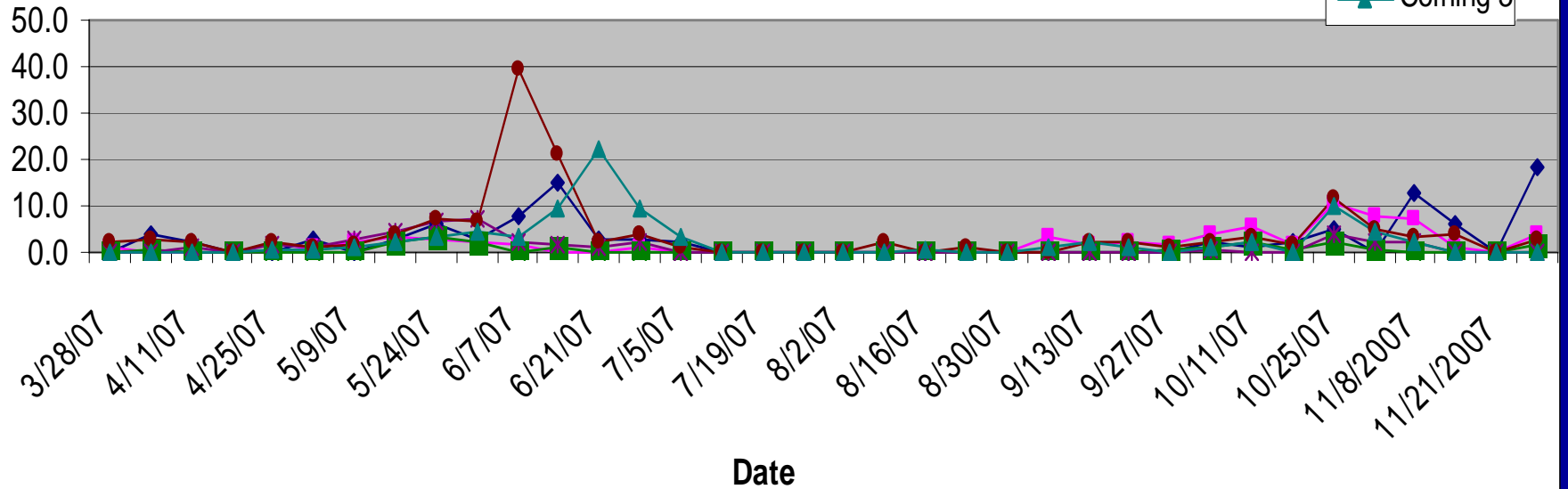


2007 Olive Fruit Fly Catches

Glenn and Tehama Counties



Flies/Trap/Week



Concerns and Possible Explanations

- Olive fly catches were similar to 2006 but infestation was up
- 4 of 6 sites sprayed
- May be missing hot spots

Observations

- Summer was cooler than 2005 or 2006
- Cannery- damage was more widespread but at low levels
- Personal- damage was elevated in unsprayed or minimally sprayed or next to unsprayed orchards
- We are beginning to identify areas with historically higher levels of infestation

Conclusions

- Do not use area wide trapping results to make treatment decisions in your orchard
- Area wide results along with your own trapping results will give a better understanding of what is happening
- Potential for higher levels of infestation with more favorable conditions
- With research and experience we will learn how to better use the trapping results

Plans for 2008

- Will expand number of trapping sites to include more unsprayed sites. We are planning on adding 2 unsprayed sites in each county
- Information will be posted weekly at <http://ceglenn.ucdavis.edu>

Thanks

- To California Olive Committee (COC) for supporting this trapping effort.