

PINK BOLLWORM PROGRAM – WEEKLY REPORT
38 YEARS OF SERVICE TO COTTON GROWERS



State of California
2895 N. Larkin, Suite A
Fresno, CA 93727
Department of Food & Agriculture
Plant Health and Pest Prevention Services
Integrated Pest Control Branch

(559) 445-5472
FAX 445-5334

Week Ending August 13, 2005

Pink Bollworm Activities

Palo Verde and Imperial Valleys:

Agricultural Pest Control Supervisor Jodi Brigman reported that both the Imperial Valley and the Palo Verde Valley received over an inch of rain on Tuesday August 9th. As a result, one day of trapping was lost due to the inclement weather. In spite of this, trap catches were up 45% in the Imperial Valley traps in cotton and 80% in the Bard/Winterhaven traps. However, trap catches in the Blythe/Palo Verde Valley area were down 55%. The 3rd field generation peak appears to have arrived in Imperial Valley and should occur next week in the Blythe/Palo Verde Valley area.

San Joaquin Valley:

Kern County trappers serviced 91.3% of their traps, Kings and Tulare County trappers serviced 95.9% of their traps, and Fresno, Madera, and Merced County trappers serviced 94.4% of their traps.

Sterile moth receipts continue to exceed minimum requirements with 106% of nominal received this week. A total of 11.2 million moths were released in Kern, Kings, and Tulare Counties. This brings the season total to 157.5 million sterile moths released.

Four native moths were identified by the Visalia Lab this week, two from Kern County and two from Kings County. In both cases, after the first moth was identified, a second moth was found while the trap was being inspected to verify its location. This brings the season total to fourteen. There were only eight native moth find in 2004 through 8/13/04, however, fourteen had been found by 8/17/04. Native numbers eleven and twelve were found in Kings County in Township 19 Range 22 section 11. This is an area that was quite active in 1999 with native finds in the core and five of the seven adjacent sections with cotton. Section twelve to the east was particularly active in 1999 with ten natives captured over a two-week period, at the end of the season during the time of hurricane Hilary. There were three finds in the area in 2000 and no more, until now. Native numbers thirteen and fourteen were found in Kern County in Township 12 Range 20 section 33. This section has no recent native history, but like the Kings County finds, five adjacent sections had finds in 1999 at the time of the hurricane Hilary episode.

Sacramento Valley:

The anticipated start date for Pink Bollworm Program mapping and trapping in the Sacramento Valley is September 12th.