

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



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Week Ending October 01, 2005

Pink Bollworm Activities

Palo Verde and Imperial Valleys:

Native pink bollworm catches were down slightly (- 9.2%) in the Imperial Valley this week, while trap catches were up (+ 13.4%) in the Blythe/Palo Verde Valley area, compared to last week. Trap recaptures from the "Highway Lines" were also down (- 57.2%). The 5th in-field generation is now predicted to occur on 11/02 in the Palo Verde Valley and is predicted to occur on 10/12 in the Imperial Valley. Agricultural Pest Control Supervisor, Jodi Brigman, and Agricultural Technician II, John Nelson, have begun collecting bolls required for *Bt* resistance monitoring.

San Joaquin Valley:

Eleven (11) native pink bollworm moths were trapped this week compared with fifteen (15) last week and nine (9) during the previous week. This brings the season total to sixty-nine (69), compared to fifty-two (52) found by this date in 2004. The Visalia Lab examined 1,211 traps, up 35.6% and identified 20,408 sterile moths, up 96.8%. The increases are most likely due to a warming trend during the week with temperatures back up into the nineties. Seven natives were found in Kern County, two in Tulare County, and one each in Kings and Merced Counties. Unless there is a dramatic change in the weather, only progeny from the 2nd field generation will develop sufficiently to enter diapause and over-winter.

This was the final week of sterile moth release. A total of 9.67 million moths were released this week. The grand total for this season is 231,649,268. This is a 52.9% decrease compared to the 492,101,766 moths released last year. This decrease is due to the lower number of native find sections requiring sterile moth releases. The last day of release was October 1.

Sacramento Valley:

The traps are in place in the four cotton-growing counties and will be serviced and removed in two weeks. Trap totals for these counties are as follows: Colusa County 30, Glenn County 22, Sutter County 10, and Yolo County 1.