

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



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Week Ending August 27, 2005

Pink Bollworm Activities

Palo Verde and Imperial Valleys:

Native pink bollworm catches were 11.4% higher in the Imperial Valley, 55.3% higher in the Palo Verde Valley and 69.6% higher in the “Highway Lines”, compared to last week. The fourth field generation is still two weeks away in the Imperial Valley and three weeks away in the Palo Verde Valley. Agricultural Pest Control Supervisor, Jodi Brigman reports that two fields have been harvested in Imperial Valley, but the majority of the cotton still has a way to go. Fields containing both *Bt* and conventional cotton have been identified for *Bt* Resistance Monitoring boll sampling. These fields have the highest pink bollworm captures this year, which makes them the most likely sites to find *Bt* resistant moths. Boll collections will begin when suitable bolls are available.

San Joaquin Valley:

Four (4) native pink bollworm moths were trapped this week, just like last week and the week before that. Three (3) were found in Kern County and one (1) in Tulare County. The season total is now 22, whereas there were twenty-one (21) native moths found through August 27 in 2004. The Tulare County find was about 6 miles northwest of the Visalia city limits and at least 4 miles from any previous finds. One of the Kern County finds was a repeat of find number eight (8) earlier this season. The other two Kern County finds were in sections adjacent to find number 18 from last week. Sterile moths were released on all three finds at two times the normal rate.

Sterile moths received this week totaled 10.9 million, which brings the season total to 177.5 million. The Visalia Lab examined 920 traps containing 13,080 sterile moths and four (4) natives. In addition to this, they examined nearly 2,000 cotton leaves collected for the silverleaf whitefly sampling.

Sacramento Valley:

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