

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



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Pink Bollworm Activities

Palo Verde and Imperial Valleys:

Native pink bollworm moth captures increased in Imperial Valley cotton fields again this week (+ 10%) and increased in Blythe/Palo Verde Valley fields (+ 29.5%). "Highway Line Traps" were down (- 37.9%, indicating mass movement from cotton fields in Mexico is slowing down. Agricultural Pest Control Supervisor Jodi Brigman collected bolls for Dr. Tim Dennehy from the University of Arizona for Bt resistance testing. Collections of bolls to be held for emergence in order to test for Bt resistance may be delayed until the top crop matures.

San Joaquin Valley:

Nine (9) native pink bollworm moths were trapped this week. Six (6) were found in Kern County, one (1) in Kings County, and two (2) in Tulare County. This brings the season total to 43. This is two less than the 41 trapped by the same time last year.

Sterile moth receipts were up this week (+ 22.2%) with 11.3 million moths released. The season total is now 209 million sterile moths released. The sterile moth releases are scheduled to end with the last release on October 1st. The Visalia Identification Lab inspected 770 traps (+ 21.6%) containing 7,553 sterile moths (- 3.7%) and 9 native moths. Cooler temperatures have resulted in fewer sterile moths, while an abundance of other moths species have resulted in an increase of specimens (traps) submitted to the lab.

Sacramento Valley:

Senior Economic Entomologist Dan Keaveny and Associate Biologist Tyson Porter traveled to the Sacramento Valley and placed pink bollworm traps in cotton fields in four counties. Thirty (30) traps were placed in Colusa County, twenty-two (22) in Glenn County, ten (10) in Sutter County, and one (1) in Yolo County.