

# **PINK BOLLWORM PROGRAM – WEEKLY REPORT**

**40 YEARS OF SERVICE TO COTTON GROWERS**

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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 July 14, 2007

## **Pink Bollworm Activities**

### **Southern California:**

Native Pink Bollworm (PBW) captures continued to decrease for the ninth consecutive week. There were 3,145 native PBW captures this week, bringing the season total to 156,839 native PBW finds.

Staff pulled 102 bolls from the Arcadia research plot at the Brawley Research Station on Friday. The bolls are placed in holding boxes and observed for moth emergence.

Mass aerial sterile moth release continued this week with 1.97 million sterile moths being released on Sunday and Wednesday. For the year, 10,322,680 sterile PBW moths have been released in Southern California. A total of 5,980 sterile moths were trapped this week and the total number recaptured is 29,393 sterile moths.

### **San Joaquin Valley:**

PBW trappers have placed and numbered all their General Detection Traps in the San Joaquin Valley. All Early Detection Traps were pulled. Trap totals are now 1,576 in Fresno County, 1,152 in Kern County, 77 in Madera County, 870 in Merced County, 332 in Tulare County and 1,358 in Kings County. A total of 12,060,238 sterile moths were received and released for the week, bringing the season release total to 124,362,151. Shafter Identification (ID) Lab staff examined 584 traps containing 16,122 sterile moths in traps from the Kern, Kings and Tulare counties.

No native PBW moths were trapped, but fourteen "planted moths" were found by trappers and verified by the ID Lab this week. Associate Agricultural Biologist Tyson Porter performed sterile insect planting (SIP) on all trap-lines. This is a part of the PBW Program's Quality Assurance (QA) Monitoring. Selected traps are "salted" with non-dyed, sterile female PBW moths, at various times of the season. SIP provides training to both trappers and ID personnel in spotting PBW moths. ID Lab identifiers look at thousands of sterile PBW moths daily. The non-dyed sterile PBW female moths provide excellent QA for ID purposes. Tyson will direct additional plantings of PBW moths in traps on an "as needed" basis.

### **Sacramento Valley:**

The latest heat unit projections indicate mapping and trapping will begin in mid-August. All cotton growing counties in the Sacramento Valley responded with their 2007 cotton acreage this week. There are 935 acres in Colusa County, 2,615 in Glenn County, 790 acres in Sutter County and 100 acres in Tehama County. Yolo County reports they have no cotton acreage this year. The total cotton acreage in the Sacramento Valley is 4,440 acres. The PBW Program rounds the County cotton acreage totals to the nearest five acres.

