

COTTON PEST CONTROL PROGRAM – BIWEEKLY REPORT

54 YEARS OF SERVICE TO COTTON GROWERS



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Period Ending September 10, 2021

Pink Bollworm Activities

Program Update:

Statewide Cotton Seed Bug Survey

A statewide survey for the cotton pest *Oxycarenus hyalinipennis*, also known as the cotton seed bug (CSB), is being conducted by the California Department of Food and Agriculture during the period of September 1 – December 31, 2021. The survey will include a visual aspect as well as sampling a small number of bolls in each area. A CSB report with information regarding the CSB survey will be sent out on a weekly basis.

Silverleaf Whitefly Survey

Silverleaf whitefly (SLWF) surveys were conducted from June 28, 2021 through August 26, 2021 with Cotton Pest Control (CPC) Program (Program) personnel collecting random samples from sites at ten percent of all cotton fields in each cotton growing county in the San Joaquin Valley (SJV). The fifth and final SLWF report is out this week alongside this report.

Sacramento Valley:

The Program has confirmed cotton acreages for Northern California counties. The total mapped cotton acreage for Northern California is 810 acres (down from 1,890 acres in 2020) with 481 acres in Colusa County (up from 287 acres in 2020), 244 acres in Glenn County (down from 1,366 acres in 2020), and 85 acres in Sutter County (down from 234 acres in 2020).

Program personnel have placed a total of four traps in the Colusa County, two traps in Glenn County, and one trap in Sutter County.

San Joaquin Valley:

Cotton mapping for the San Joaquin Valley was completed as of Thursday, July 1. The current total mapped acreage for the SJV is 102,301 acres (down from 171,080 acres in 2020). The breakdown of cotton acreage is 24,975 acres in Fresno County (down from 34,500 acres in 2020), 8,484 acres in Kern County (down from 10,850 acres in 2020), 42,552 acres in Kings County (down from 86,750 acres in 2020), 20,088 acres in Merced County (down from 31,750 acres in 2020), 249 acres in Madera County (down from 430 acres in 2020), and 5,953 acres in Tulare County (down from 6,725 acres in 2020).

Program personnel have placed and are currently servicing 240 traps in Fresno County, 96 traps in Kern County, 336 traps in Kings County, 7 traps in Madera County, 232 traps in Merced County, and

73 traps in Tulare County. Traps are being serviced on a biweekly basis, which will continue through mid-October.

The surveying and mapping of Pima acreage began on Monday, July 26, 2021. The total preliminary acreage for the San Joaquin Valley is 86,970 acres with 7,537 acres in Kern County, 35,943 acres in Kings County, 1,784 acres in Tulare County, 17,807 acres in Merced County, 23,650 acres in Fresno County, and 249 acres in Madera County.

There were no pink bollworm moths (PBW) detected in any of these counties last year. Therefore, there are currently no plans to release sterile moths in cotton fields in the SJV this year.

Southern California:

Mapping and trapping in Southern California is conducted by CA Department of Food and Agriculture California Border Protection Station personnel.

Cotton mapping for Southern California was completed the week of May 17, 2021. The current total mapped cotton acreage for the 2021 season in Southern California is 8,706 acres (up from 6,865 acres in 2020). There are 6,690 acres of cotton in Riverside County (up from 4,935 acres in 2020) and 2,016 acres of cotton in Imperial County (up from 1,930 acres in 2020).

Trap placement in Southern California was completed the week of June 7, 2021. Program personnel have placed and are currently servicing 171 traps in Southern California with 29 traps in Imperial County and 142 traps in Riverside County. Traps are being serviced on a weekly basis which will continue through October.