

COTTON PEST CONTROL PROGRAM – BIWEEKLY REPORT

55 YEARS OF SERVICE TO COTTON GROWERS

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Period Ending September 2, 2022

Program Updates:

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, 2022. The survey will include a visual aspect as well as sampling a small number of bolls in each area.

Silver Leaf Whitefly Survey

Silverleaf whitefly (SLWF) surveys began the week of June 27, 2022 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 first 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 150 acres (down from 810 acres in 2021) with 143 acres in Colusa County (down from 481 acres in 2021) and 7 acres in Yolo County (up from 0 acres in 2021)

Trap placement was completed the week of August 22nd. Program personnel have placed a total of three traps (Table 1).

Table 1.

Northern California Trap Counts	
County	Traps in Operation
Colusa	2
Yolo	1
Total	3

San Joaquin Valley:

Cotton mapping for the San Joaquin Valley was completed the week of June 13, 2022. There have been some updates to the originally mapped numbers, and they stand as follows:

The current total mapped acreage for the SJV is 123,171 acres (up from 102,218 acres in 2021). The breakdown of cotton acreage is 32,118 acres in Fresno County (up from 24,579 acres in 2021), 9,591 acres in Kern County (up from 8,607 acres in 2021), 46,988 acres in Kings County (up from 42,552 acres in 2021), 29,078 acres in Merced County (up from 20,279 acres in 2021), 254 acres in Madera County (up from 249 acres in 2021), and 5,142 acres in Tulare County

(down from 5,952 acres in 2021).

Program personnel have placed and are currently servicing a total of 1,178 traps as seen in Table 2. Traps are being serviced on a biweekly basis, which will continue through mid-October.

Table 2.

San Joaquin Valley Trap Counts	
County	Traps in Operation
Kern	102
Kings	354
Tulare	63
Fresno	326
Merced	327
Madera	6
Total	1,178

The surveying and mapping of Pima acreage began on Monday, June 22, 2022. The total preliminary Pima acreage for the San Joaquin Valley is 101,410 acres with 9,126 acres in Kern County, 39,772 acres in Kings County, 3,565 acres in Tulare County, 27,407 acres in Merced County, 21,344 acres in Fresno County, and 196 acres in Madera County.

There were no pink bollworm moths 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:

Cotton mapping for Southern California was completed the week of June 6, 2022. The current total mapped cotton acreage for the 2022 season in Southern California is 7,232 acres (down from 8,706 acres in 2021). There are 5,716 acres of cotton in Riverside County (down from 6,690 acres in 2021) and 1,516 acres of cotton in Imperial County (down from 2,016 acres in 2021).

Trap placement in Southern California was completed the week of June 6, 2022. Program personnel have placed and are currently servicing a total of 116 traps as seen in Table 3. Traps are being serviced on a weekly basis which will continue through October.

Table 3.

Southern California Trap Counts	
County	Traps in Operation
Imperial	26
Riverside	90
Total	116