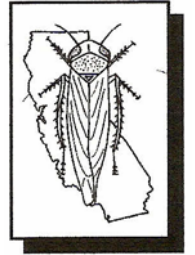


BEET CURLY TOP VIRUS MONTHLY REPORT



CURLY TOP VIRUS CONTROL PROGRAM

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Monthly Report for August, 2013

Fallow fields were monitored for host plants, such as Russian thistle and *Bassia* species; grazing, disking, and beat leafhopper (BLH) counts. Fallow fields with host plants and consistent BLH counts are mapped as potential treatment fields for the fall spray campaign. Fallow fields that are disked or grazed with low average BLH counts (i.e. 0-4 BLH per sweep) reduce the potential treatment acreage and are not included in the fall spray campaign.



Fresno County

Weekly surveys of fallow fields were conducted in Firebaugh, Mendota, Cantua Creek, and Three Rocks.

- In Firebaugh from Nees Avenue to Belmont Avenue and Highway 33 to Fairfax Avenue, sweeps were performed in nine sections with a total of 20 sweeps per section. Average beetle leafhopper (BLH) counts were 0-1 adult BLH and zero nymphs per 20 sweeps.
- Sweeps were conducted in eight sections in Mendota, from Belmont Avenue to Highway 33 and from Highway 33 to San Diego Avenue from Jensen Avenue to Mountain View Avenue. Counts were on average, 0-2 adult BLH and zero nymphs per 20 sweeps.

- In Cantua Creek, sweeps were conducted in nine sections. Counts on average were 0-2 adult BLH and zero nymphs per 20 sweeps.
- In Three Rocks, sweeps were conducted in seven sections near the Tumey Hills. Counts were on average, 1-3 adult BLH and zero nymphs per 20 sweeps.

A total of 14,000 acres have been mapped and are included for the fall treatment campaign for Fresno County. Waivers were completed and approximately 25% have been returned for Fresno County.

A bell pepper field near Highway 145 and El Dorado Avenue displayed symptoms of Curly Top virus. Samples were obtained and sent for analysis. Results will be reported next month.

Kern County

- Sweeps were conducted in Northern Kern County, south of Twisselman Road and west of Interstate 5. Sweeps were conducted in eight sections along Interstate 5. Counts were on average 0-2 adult BLH and zero nymphs, per sweep.
- Sweeps were conducted west of Lost Hills along the north side of Highway 46 and the east side of Route 33. Counts were on average, 0-2 adult BLH and zero nymphs per 10 sweeps.

A total of 7,700 acres have been mapped and are included for the fall treatment campaign for Kern County.

Kings County

- Sweeps were conducted north and south of Utica Avenue, east of Interstate 5. Counts were on average, 0-2 adult BLH and an occasional nymph per sweep.
- Southeast of Kettleman City and north of Utica Avenue, counts were on average 0-3 adult BLH and an occasional nymph, per sweep.

Approximately 8,000 acres have been mapped and are included for the fall treatment campaign for Kings County.

Merced County

Fallow field surveys are scheduled for Merced County during September and will be reported next month.

San Joaquin County

The BCTVCP was granted access to the property owned by the Tracy Defense Depot. Crews conducted the application using a ground rig. A total of 160 acres of fallow ground was treated for BLH.

Samples of pumpkin were obtained near Tracy and sent for Curly Top Virus analysis. The pumpkins were displaying symptoms similar to Curly Top Virus. Results are pending and will be reported next month. Sweeps were conducted along the perimeter of the pumpkin field. Zero BLH were collected in 20 sweeps.

Stanislaus County

A field of black eyed peas off of Fink Road and Interstate 5 displayed symptoms similar to curly top virus. Samples were obtained and sent for analysis. Results are pending and will be reported next month.