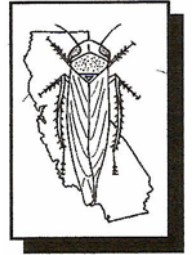


BEET CURLY TOP VIRUS MONTHLY REPORT



CURLY TOP VIRUS CONTROL PROGRAM

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Report for November, 2017

Program-wide notice

- The Beet Curly Top Virus Control Program (BCTVCP) continues to monitor beetle leafhopper (BLH) populations on the valley floor and the hillsides. Average counts remain at 0-1 BLH per sweep in the majority of locations surveyed.
- Without any significant rainfall in October and November, rangeland and hillsides remained dry and lacked winter host plants and grasses. Fall host plants began to show signs of stress and drying.

Fresno County

- BLH and host plant surveys were conducted throughout the month. Host plants and sweep counts remain very low on the valley floor with average counts of 0-1 adult BLH. No nymphs were observed. The hillsides and rangelands were also dry and void of any winter host plants due to the lack of sufficient rainfall on the west side. Average BLH counts along the base of the hillsides were 0-1 adults per sweep.
- There were no samples collected from Fresno County in November.

Imperial County

- Surveys took place the week of November 27, 2017.
- Host plants were sparse. Russian thistle and *Bassia* were very stressed or dead. Some *Chenopodium* sp. were the only host plants still viable and some samples were collected.
- There were four (4) host plant samples obtained and sent for virus analysis. Samples have not yet tested and results will be reported next month.
- There was one (1) BLH sample submitted for virus analysis. It has not yet been tested and results will be reported next month.
- Treatment is not necessary for this area because BLH counts are minimal and the majority of the desert is void of suitable host vegetation.

Kings County

- Ground rig treatment was conducted along some roadsides with Russian thistle and 5-hook *Bassia*. Treatment was conducted along 25th Avenue just west of Highway 41 and north of Kettleman City. Treatment was also conducted along Utica Avenue just east of Interstate 5 to 10th Avenue. There was also a longer stretch of roadside

vegetation that was treated east of Highway 41 along 23rd Avenue to Utica Avenue. BLH counts were consistent with 3-5 adult BLH per sweep with some nymphs.

- There were no samples collected from Kings County in November.

Kern County

- BLH and host plant surveys were conducted in the historical fall treatment areas, near some fallow fields, and some historical spring treatment areas. These locations are very dry and void of viable host vegetation. BLH counts were less than 1 adult per sweep.
- No samples were collected from Kern County in November.

Merced County

- BLH and host plant surveys were conducted in early November. There were only a few locations suitable for sweeps that consisted of Russian thistle. Counts were on average 0-1 BLH per sweep.
- There were four (4) BLH samples submitted to the lab for virus analysis. The samples have not yet been tested and results will be reported next month.

Riverside County

- Surveys took place during the week of November 27, 2017.
- Host plants were sparse. Russian thistle and *Bassia* were very stressed or dead. Some *Chenopodium* sp. were the only host plants still viable and some samples were collected.
- There were four (4) host plant samples obtained and submitted for virus analysis. The samples have not yet been tested and results will be reported next month.
- There were four (4) BLH samples submitted for virus analysis. The samples have not yet been tested and results will be reported next month.
- Treatment is not necessary for this area because BLH counts are minimal and the majority of the desert is void of suitable host vegetation.

San Joaquin County

- BLH and host plant surveys were conducted mid-November. There were only a few locations with Russian thistle where sweeps were conducted. Counts were on average 0-1 BLH per sweep.
- No samples were obtained during sweeps.

Stanislaus County

- BLH and host plant surveys were conducted mid-November. There were only a few locations with Russian thistle where sweeps were conducted. Counts were on average 0-1 BLH per sweep.
- There was one (1) BLH sample submitted for virus analysis. The sample has not yet been tested and results will be reported next month.

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