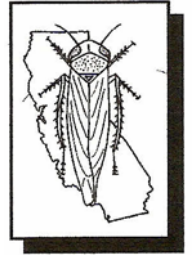


BEET CURLY TOP VIRUS MONTHLY REPORT



CURLY TOP VIRUS CONTROL PROGRAM

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Report for October, 2017

Program-wide notice

- The Beet Curly Top Virus Control Program (BCTVCP) did not conduct a fall aerial treatment campaign due to extremely low beetle leafhopper (BLH) counts. Average counts remain at 0-3 BLH per sweep in the majority of locations surveyed.
- Without any significant rainfall in October, 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

- There were nine (9) fall host plant samples submitted to the lab for virus analysis that were not reported in September. Of those nine samples, only two (2) were positive for curly top virus.
- In October, there were eighteen (18) fall host plant samples submitted to the lab for virus analysis. All of the samples were negative for curly top virus.
- There were twenty-two (22) BLH samples submitted to the lab for virus analysis in October. Three (3) were positive for curly top virus. The rest were negative.

Kern County

- There was one (1) host plant sample submitted to the lab for virus analysis that was not reported in September. That sample tested negative for curly top virus.
- In October, there were twenty-four (24) host plant samples submitted to the lab for virus analysis. Nineteen (19) were negative for curly top virus. One (1) sample tested positive for curly top virus. The remaining four (4) samples were not yet tested and will be reported next month.
- There were four (4) BLH samples submitted to the lab for virus analysis in October. Three (3) of the samples tested negative for curly top virus. The remaining sample was not yet tested and will be reported next month.

Kings County

- The only area with significant BLH counts was a stretch of fallow ground in Kings County east of Interstate 5 on Utica Avenue. BLH counts in that "hot spot" were 25-30 per sweep with a mix of adults and nymphs. Program personnel monitored the BLH populations there closely with the intent to conduct treatment as needed using the ground rig.
- There were three (3) host plant samples submitted to the lab for virus analysis that

were not reported in September. All three of those samples were negative for curly top virus.

- In October, there were seven (7) host plant samples submitted to the lab for virus analysis. All seven (7) samples were negative for curly top virus.
- There were twenty-three (23) BLH samples submitted to the lab for virus analysis in October. Two (2) were positive for curly top virus. The remaining twenty-one (21) samples were negative for curly top virus.

Merced County

- There were two (2) host plant samples submitted for virus analysis in October. Both samples were negative for curly top virus.
- There were five (5) BLH samples submitted to the lab for virus analysis. All five (5) samples were negative for curly top virus.

Stanislaus County

- There were two (2) host plant samples submitted for virus analysis in October. Both samples were negative for curly top virus.

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