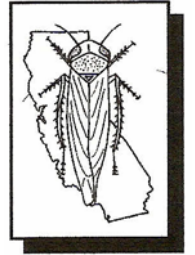


BEET CURLY TOP VIRUS MONTHLY REPORT



CURLY TOP VIRUS CONTROL PROGRAM

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Report for August, 2016

Program-wide notice

- The Beet Curly Top Virus Control Program (BCTVCP) would like to alert growers and industry of the detection of Egyptian Broomrape (*Orobanche aegyptiaca*) in a processing tomato field in Solano County. The first detection of this species occurred in July, 2014 and was the first detection of this species of broomrape in the U.S. The infested field was placed on hold and appropriate safeguards were implemented to prevent the movement of seeds on equipment and personnel leaving the field. That field is now clear of Egyptian broomrape, but unfortunately, in an adjacent field, another detection of Egyptian broomrape was discovered this past summer. Preventative measures have been implemented for this new find.
- In August 2014, Branched Broomrape (*Orobanche ramosa*) was detected in four processing tomato fields in San Joaquin County. Those fields were placed on hold and safeguard measures were taken. The fields were later destroyed.
- All *Orobanche* species are obligate parasites and cause reductions in crop yield and adversely affects crop quality. Egyptian and branched broomrape infect many economically important crops such as tomato, bell pepper, melons, and several others.
- Please see the attached documents for additional information on this Federal noxious weed.
- Beet leafhopper counts remained very low, as expected for early fall. Counts typically increase as fallow fields are disked and grazed, thus concentrating BLH onto remaining hosts. This allows the Program to achieve more effective control during the fall spray campaign.
- Several host plant samples were collected toward the end of August and sent for virus analysis. Results are incomplete and will be reported next month.

Fresno County

- Program personnel monitored roadside host vegetation and fallow fields for BLH populations and fall host plants in Firebaugh, Mendota, Huron, Five Points, Three Rocks, Cantua Creek, and Coalinga.
- Personnel monitored the previously mapped fields for BLH and host plants. Some fields were beginning to be disked or grazed.
- BLH counts remain low, with an average of 0-2 BLH per sweep. Nymphs were observed in a few locations. Nymphs were 1st instar with similar counts as the adult BLH.
- Host plant samples were collected and sent for virus analysis. Results will be reported next month.

Kern County

- Program personnel monitored roadside host vegetation and fallow fields for BLH populations and fall host plants.
- Personnel continued to monitor previously mapped fields for BLH and host plants.
- BLH counts remained low. Counts were 0-2 BLH per sweep. No nymphs were observed during surveys.
- No samples were collected during the month of August for Kern County. Personnel will begin collecting host plant and BLH samples beginning in September.

Kings County

- Program personnel monitored roadside host vegetation and fallow fields for BLH populations and fall host plants.
- Personnel monitored the previously mapped fields for BLH and host plants.
- BLH counts remained low, with an average of 0-2 BLH per sweep. No nymphs were observed during surveys.
- Host plant samples were collected and sent for virus analysis. Results will be reported next month.

Merced County

- BLH population surveys, host plant vegetation surveys, and fallow field surveys were conducted. BLH counts were low with an average of 0-2 adult BLH per sweep.
- Host plant samples were collected and sent for virus analysis. Results will be reported next month.
- Personnel will continue to monitor BLH populations and collect both host plant and BLH samples for virus analysis.

Stanislaus County

- BLH population surveys, host plant vegetation surveys, and fallow field surveys were conducted. BLH counts were low with an average of 0-2 adult BLH per sweep.
- Host plant samples were collected and sent for virus analysis. Results will be reported next month.
- Personnel will continue to monitor BLH populations and collect both host plant and BLH samples for virus analysis.

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