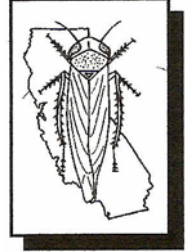


# BEET CURLY TOP VIRUS MONTHLY REPORT



## **CURLY TOP VIRUS CONTROL PROGRAM**

2895 N. Larkin, Suite A  
Fresno, CA 93727  
PHONE: (559) 294-2031  
FAX: (559) 294-2037

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Report for December, 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 all locations surveyed.
- Without any significant rainfall in November and December, 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**

- Vegetation development surveys were conducted along the hillsides. Spring host plants have not germinated. Dry annual grasses, tar weed, *Atriplex*, and occasional Russian thistle have been observed in the survey areas. Sweeps conducted on these plants resulted in minimal BLH. Average counts were less than 1 BLH per sweep. Near Coalinga, sweep counts from tar weed were 1-3 BLH per sweep.
- Bee boxes began to arrive in some areas. Program personnel will begin noting bee locations and working with county officials to obtain contact information as needed.
- There were no samples collected from Fresno County in December.

### **Imperial County**

- Surveys took place the week of November 27, 2017.
- There were four (4) host plant samples obtained and sent for virus analysis in November. One of the four samples were positive for curly top virus. The others were negative.
- There was one (1) BLH sample submitted for virus analysis in November. It was negative for curly top virus.

### **Kings County**

- Vegetation development surveys were conducted along the hillsides. Spring host plants have not germinated. Some historical spring treatment areas were burned over the summer and remain bare.
- There were no samples collected from Kings County in December.

### **Kern County**

- BLH and host plant surveys were conducted in the historical fall and spring treatment areas. These locations are very dry and void of viable host vegetation. BLH counts were less than 1 adult per sweep. Spring host plants have not germinated.
- No samples were collected from Kern County in December.

### **Merced County**

- Program personnel did not observe any BLH or host plant development during sweep surveys in December.
- There were four (4) BLH samples submitted to the lab for virus analysis in November. One sample was positive for curly top virus, the others were negative.

### **Riverside County**

- Surveys took place during the week of November 27, 2017.
- There were four (4) host plant samples obtained and submitted for virus analysis in November. All of the samples were negative for curly top virus.
- There were four (4) BLH samples submitted for virus analysis in November. All of the samples were negative for curly top virus.

### **San Joaquin County**

- Program personnel did not observe any BLH or host plant development during sweep surveys in December.

### **Stanislaus County**

- Program personnel did not observe any BLH or host plant development during sweep surveys in December.
- There was one (1) BLH sample submitted for virus analysis in November. The sample was positive for curly top virus.

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