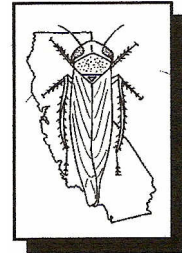


Beet Curly Top Virus Control Program

GROWER ALERT

California Department of Food and Agriculture
Plant Health and Pest Prevention Services
Integrated Pest Control Branch
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Alert for November 2022

Program Update

- In November, Beet Curly Top Virus Control Program (BCTVCP) personnel conducted beetle leafhopper (BLH) fallow field and roadside surveys in Fresno, Kern, and Kings Counties. Overall, BLH counts remained very low in all survey areas (0-1 BLH per sweep).
- Hillside surveys and mapping activities are expected to resume within the next few weeks. Preliminary surveys of these areas show minimal host plant development and very low BLH counts (0-1 BLH per sweep).
- Limited host vegetation development, primarily Russian thistle and filaree, was observed in the westside foothills. Brief rains in early November and anticipated rains in early December may accelerate vegetation growth during the fall and winter seasons.
- No control operations were performed in the month of November.
- Extensive die-off of summer host vegetation, primarily *Bassia* and Russian thistle, is observed throughout all survey areas.
- On November 10, the Beet Curly Top Virus Control Board (BCTVCB) held an annual fall meeting to review Program activities, provide updates on current operations, and to review objectives for the upcoming 2023 growing season.
- Please visit the Program's webpage to view Program reports and alerts. https://www.cdafa.ca.gov/plant/ipc/curlytopvirus/ctv_hp.htm
- The BCTVCP has deployed a Beet Leafhopper Sighting Report that industry can use to report BLH or CTV incidence in the field. This report is available using the following web browser link: <https://arcg.is/O9LyK> or by downloading the ArcGIS Survey123 app from the Google Play Store or Apple App Store and using the QR code below. A user guide for the BLH Sighting Report is available on the BCTVCP webpage.



- For program inquiries or questions regarding this report, please contact Christopher Dillon at christopher.dillon@cdfa.ca.gov or (916) 823-1169.

2022 Beet Curly Top Virus Sample Results

- **Colusa County**
 - BLH Samples
 - 1 positive sample
 - Tomato Samples
 - 7 positive samples
 - 3 negative samples
- **Imperial County**
 - Host Plant Samples
 - 1 positive sample
 - BLH Samples
 - 3 positive samples
 - 1 negative sample
 - Sugar Beet Samples
 - 2 positive samples
 - 4 negative samples
- **Fresno County**
 - Host Plant Samples
 - 2 positive samples
 - 94 negative samples
 - BLH Samples
 - 30 positive samples
 - 14 negative samples
 - Tomato Samples
 - 52 positive samples
 - 34 negative samples
- **Kern County**
 - Host Plant Samples
 - 1 positive sample
 - 24 negative samples
 - BLH Samples
 - 8 positive samples
 - 16 negative samples
 - Tomato Samples
 - 29 positive samples
 - 2 negative samples
 - Bell Pepper Samples

- 1 positive sample
- **Kings County**
 - Host Plant Samples
 - 1 positive sample
 - 22 negative samples
 - BLH Samples
 - 3 positive samples
 - 11 negative samples
 - Tomato Samples
 - 15 positive samples
 - 11 negative samples
 - BLH from Sticky Trap Samples
 - 36 positive samples
 - 57 negative samples
- **Madera County**
 - Tomato Samples
 - 8 positive samples
- **Merced County**
 - Host Plant Samples
 - 2 negative samples
 - BLH Samples
 - 1 negative sample
 - Tomato Samples
 - 19 positive samples
 - 5 negative samples
- **Monterey County**
 - Host Plant Samples
 - 6 negative samples
 - BLH Samples
 - 1 negative sample
- **San Joaquin County**
 - Tomato Samples
 - 9 positive samples
- **Stanislaus County**
 - Tomato Samples
 - 27 positive samples
 - 1 negative sample
- **Tulare County**
 - Tomato Samples
 - 3 positive samples
- **Yolo County**
 - Tomato Samples
 - 3 positive samples

County Reports

Fresno County

- BLH population surveys in fallow fields and roadside vegetation throughout Fresno County are ongoing. Hillside surveys are anticipated to resume within the next month.
 - Fallow fields and roadsides near Five Points, Cantua Creek, Huron, Coalinga, Tumey Hills, Panoche Creek, Firebaugh, and Dos Palos, containing primarily Russian thistle and *Bassia*, had very low BLH activity with surveys averaging 0-1 BLH per sweep.

Kern County

- BLH population surveys in fallow fields and roadside vegetation throughout Kern County are ongoing. Hillside surveys are anticipated to resume within the next month.
 - Fallow fields and roadsides near Shafter, Wheeler Ridge, and Lost Hills, containing primarily Russian thistle, *Bassia*, and saltbush, had very low BLH activity with surveys averaging 0-1 BLH per sweep.

Kings County

- BLH population surveys in fallow fields and roadside vegetation throughout Kings County are ongoing. Hillside surveys are anticipated to resume within the next month.
 - Fallow fields and roadsides near Kettleman City and Stratford, containing primarily Russian thistle and *Bassia*, had very low BLH activity with surveys averaging 0-1 BLH per sweep.

To subscribe to the BCTV monthly report, updates, and alerts, please use the link below:

www.cdfa.ca.gov/subscriptions/