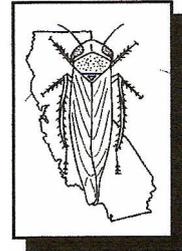


Beet Curly Top Virus Control Program

Monthly Report

California Department of Food and Agriculture
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January 2023

Program Update

- In January, Beet Curly Top Virus Control Program (BCTVCP) personnel monitored vegetation development in the foothills on the westside of the southern San Joaquin Valley in Fresno, Kern, and Kings Counties.
- Rain and storm events throughout January limited the Program's ability to conduct surveys in the traditional beetle leafhopper (BLH) overwintering areas due to muddy and washed-out access roads.
- Where surveys were possible, BLH counts remained very low or not present in all survey areas (0-1 BLH per sweep). Additionally, non-target insect activity was very low throughout all survey areas.
- The continuous rain events have led to significant growth of winter grasses in most BLH overwintering areas.
- Please visit the Program's webpage to view Program reports and alerts. https://www.cdfa.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 Lauren Murphy at lauren.murphy@cdfa.ca.gov or (559) 907-4460.

2023 Beet Curly Top Virus Sample Results

January 2023 - BCTV Sample Results by County	
	<u>Fresno</u>
Positive BLH	1
Negative BLH	2
Positive Host Plant	0
Negative Host Plant	3

County Reports

Fresno County

- BLH population surveys in the westside foothills were limited due to minimal access to the dirt roads after the January rain events. Overall counts remained very low, and the first and only nymph in Fresno County was observed in Tumey Hills on January 25.

Fresno County BLH Surveys		
<u>Location</u>	<u>Date</u>	<u>Average # BLH per 10 sweeps</u>
North of Panoche Creek	24-Jan	0.4 BLH
Tumey Hills	25-Jan	0.2 BLH
Coalinga Nose	25-Jan	0.3 BLH

Kern County

- BLH population surveys in the westside foothills throughout Kern County are ongoing. Overall counts remained very low, and the first and only nymph in Kern County was observed in Elk Hills on January 25.

Kern County BLH Surveys		
<u>Location</u>	<u>Date</u>	<u>Average # BLH per 10 sweeps</u>
Dustin Acres, near Taft	17-Jan	0.2 BLH
Buena Vista Hills	17-Jan	0.1 BLH
Buena Vista Hills	18-Jan	0.03 BLH
Elk Hills	19-Jan	0 BLH
Elk Hills	23-Jan	0.05 BLH
Elk Hills	24-Jan	0.06 BLH
Elk Hills	25-Jan	0.03 BLH

Kings County

- BLH population surveys were conducted in westside foothills, where access allowed. Overall, BLH counts remained very low, and no nymphs were observed in Kings County in January.

Kings County BLH Surveys		
<u>Location</u>	<u>Date</u>	<u>Average # BLH per 10 sweeps</u>
Devil's Den	23-Jan	0.03 BLH
Kettleman Hills South of HWY 41	24-Jan	0.04 BLH
Kettleman Hills South of HWY 42	25-Jan	0.09 BLH

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