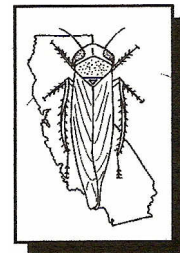


BEET CURLY TOP VIRUS MONTHLY REPORT



CURLY TOP VIRUS CONTROL PROGRAM

California Department of Food and Agriculture

PHPPS: Integrated Pest Control Branch

2895 N. Larkin, Suite A

Fresno, CA 93727

PHONE: (559) 294-2031

FAX: (559) 294-2037

Report for October 2021

Program Update

- In October, the Curly Top Virus (CTV) Control Program (Program) continued monitoring beetle leafhopper (BLH) populations on the San Joaquin Valley (SJV) floor.
- BLH counts averaged between zero to one (0-1) per single net sweep. However, a couple areas have shown increased BLH activity as BLH populations consolidate in response to the reduction of viable fall host plants on the valley floor at two sites in Fresno and Kings Counties.
- Despite the slight increase in BLH activity, there is not enough acreage with high BLH counts to warrant aerial treatment.
- October rain events promoted the germination of BLH host weeds, such as filaree, peppergrass, and *Plantago*, in the foothills. In response, personnel will begin monitoring BLH overwintering sites for activity over the upcoming months.
- The CTV Program has been invited to speak at a Beet Curly Top Virus Informational Meeting hosted by the University of California Agriculture and Natural Resources Cooperative Extension in Colusa, CA on Thursday, November 18, 2021.
 - Here is the link for the meeting information and registration:
https://cecolusa.ucanr.edu/newsletters/Vegetable_Crops91271.pdf
- Please visit the Program's webpage to view all previously published 2021 reports.
https://www.cdafa.ca.gov/plant/ipc/curlytopvirus/ctv_hp.htm
- For program inquiries or questions regarding this report, please contact Samuel Krasnobrod at Samuel.Krasnobrod@cdafa.ca.gov or (916) 823-1169.

County Reports:

Fresno County

- Roadside Survey, Coalinga, 10/4/2021
 - Adult BLH: 0-1 per 1 sweep
 - Surveys took place near Coalinga oilfields, along Lost Hills Road, on Calaveras Ave, and near the Glenn Ave airstrip.

- Fallow Field Survey, Five Points, 10/4/2021
 - Adult BLH: 0-3 per 1 sweep
 - Five fields were surveyed. Three fields had zero (0) BLH.

- Fallow Field Survey, Three Rocks, 10/5/2021
 - Adult BLH: 0-1 per 1 sweep
 - Two fields surveyed, along with two stretches of roadside vegetation.

- Fallow Field Survey, Panoche, 10/6/2021
 - Adult BLH: 0-1 per 1 sweep
 - Three fields were surveyed. Roadside vegetation along N. California Ave near S. Ohio Ave was also surveyed.

- Fallow Field Survey, Firebaugh, 10/7/2021
 - Adult BLH: 2 per 1 sweep
 - Three fields were surveyed, along with two stretches of roadside vegetation.

- Fallow Field Survey, Panoche Creek, 10/13/2021
 - Adult BLH: 0-2 per 1 sweep
 - Primary host weed: Russian thistle
 - Three fields were surveyed, along with stretches of roadside vegetation.

- Fallow Field Survey, Five Points, 10/14/2021
 - Adult BLH: 1 per 1 sweep
 - Primary host weed: Russian thistle
 - Nearby fallow fields had recently been disced. Roadside vegetation was surveyed.

- Fallow Field Survey, Firebaugh, 10/18/ 2021
 - Adult BLH: 0-1 per 1 sweep
 - Primary host weed: Russian thistle, Bassia
 - Vegetation appeared to be drying out. Sheep were present in one fallow field, reducing the potentially treatable acreage.

- Fallow Field Survey, Tranquility, 10/19/2021
 - Adult BLH: 5 per 1 sweep
 - Primary host weed: Russian thistle
 - Adult BLH counts ranged from zero to one (0-1) along roadsides, and up to ten (10) per single net sweep in one fallow field.

- Fallow Field Survey, Panoche Creek, 10/20/2021
 - Adult BLH: 0-1 per 1 sweep
 - Primary host weed: Russian thistle

- BLH counts averaged zero to one (0-1); however, two fields yielded counts of four (4) per single net sweep.
- Vegetation was beginning to dry out. BLH preference was for greener thistle found along roadsides.
- Fallow Field Survey, Panoche Creek, 10/20/2021
 - Adult BLH: 0-2 per 1 sweep
 - Primary host weed: Russian thistle
- Roadside Survey, Coalinga, 10/25/2021
 - Adult BLH: 1-3 per 1 sweep
 - Roadside survey along the avenues near the Coalinga oil fields. The survey continued along Hwy 33, with BLH counts remaining consistent throughout the surveyed area.
- Fallow Field Survey, Panoche Creek, 10/28/2021
 - Adult BLH: 0-2 per 1 sweep
 - Primary host weed: Russian thistle
 - Four fields were surveyed, along with two stretches of roadside vegetation.

Kern County

- Fallow Field Survey, Lost Hills, 10/6/2021
 - Adult BLH: 0-1 per 1 sweep
 - Nymph BLH: 0-1 per 1 sweep (2nd and 3rd instar nymphs)
 - Observed 320 acres being disced north of Blackwell's Corner.
- Fallow Field Survey, Midway West, 10/11/2021
 - Adult BLH: 0-1 per 1 sweep
 - Primary host weed: Russian thistle, Bassia
 - Vegetation appeared to be drying out along roadsides and in fallow fields.
- Fallow Field Survey, Buena Vista Hills, 10/12/2021
 - Adult BLH: 0-1 per 1 sweep
 - Primary host weed: Russian thistle, Bassia
 - Vegetation along roadsides was fairly green, though most had begun to dry out in nearby fallow fields.
- Fallow Field Survey, Lost Hills, 10/14/2021
 - Adult BLH: 0-1 per 1 sweep
 - Primary host weed: Russian thistle
 - 320 acres of a nearby fallow field had recently been disced.
- Fallow Field Survey, Midway South Flats, 10/18/2021
 - Adult BLH: 0-1 per 1 sweep
 - Primary host weed: Russian thistle, Bassia
- Fallow Field Survey, McKittrick, 10/19/2021
 - Adult BLH: 0-1 per 1 sweep
 - Primary host weed: Russian thistle, Bassia
 - Vegetation appeared to be drying out in both the fallow fields and along roadsides.

- Fallow Field Survey, McKittrick West, 10/21/2021
 - Adult BLH: 0-1 per 1 sweep
 - Primary host weed: Russian thistle, Bassia
- Fallow Field Survey, Taft, 10/27/2021
 - Adult BLH: 0-1 per 1 sweep
 - Despite the recent rain, vegetation appeared to be drying out and was sparse.

Kings County

- Fallow Field Survey, Huron, 10/6/2021
 - Adult BLH: 0-1 per 1 sweep
 - Survey was conducted near Lost Hills Rd and Hwy 33. Roadsides were also surveyed along Utica Ave near Hwy 41.
- Fallow Field Survey, Lemoore City, 10/7/2021
 - Adult BLH: 2-4 per 1 sweep
 - Survey was conducted near the intersection of 25th Ave and Avenal Cutoff.
- Fallow Field Survey, Kettleman City, 10/8/2021
 - Adult BLH: 0-1 per 1 sweep
 - Nymph BLH: 0-1 per 1 sweep
 - Primary host weed: Russian thistle,
 - Russian thistle showed signs of stress.
- Fallow Field Survey, Kettleman City, 10/12/2021
 - Adult BLH: 0 per 1 sweep
 - Minimal host vegetation was found. Nearby fields were disced, and roadside vegetation had been mowed.
- Fallow Field Survey, Lemoore City, 10/13/2021
 - Adult BLH: 0-1 per 1 sweep
 - Nearby fields had recently been disced, which may have pushed any BLH populations away from the area.
- Fallow Field Survey, Kettleman City, 10/13/2021
 - Adult BLH: 2-3 per 1 sweep
 - Nymph BLH: 0-1 per 1 sweep
 - Primary host weed: Russian thistle, Bassia
 - BLH activity increased in fallow fields and on roadside weeds along Utica Ave.
- Fallow Field Survey, Kettleman City, 10/18/2021
 - Adult BLH: 0-1 per 1 sweep
 - Survey was conducted near the intersection of 25th Ave near Utica Ave.
- Fallow Field Survey, Utica Ave, 10/20/2021
 - Adult BLH: 7 per 1 sweep
 - Nymph BLH: 0-1 per 1 sweep
 - Primary host weed: Russian thistle
 - Survey was conducted along roadsides and in fallow fields along Utica Ave. Adult BLH counts ranged from zero to one (0-1), up to five to ten (5-10) per single net sweep, with nymphs occasionally observed.

- Roadside Survey, Kettleman City, 10/25/2021
 - Adult BLH: 1-3 per 1 sweep
 - Primary host weed: Russian thistle, Bassia
 - Survey was conducted along roadsides in the area surrounding Kettleman City.

Merced County

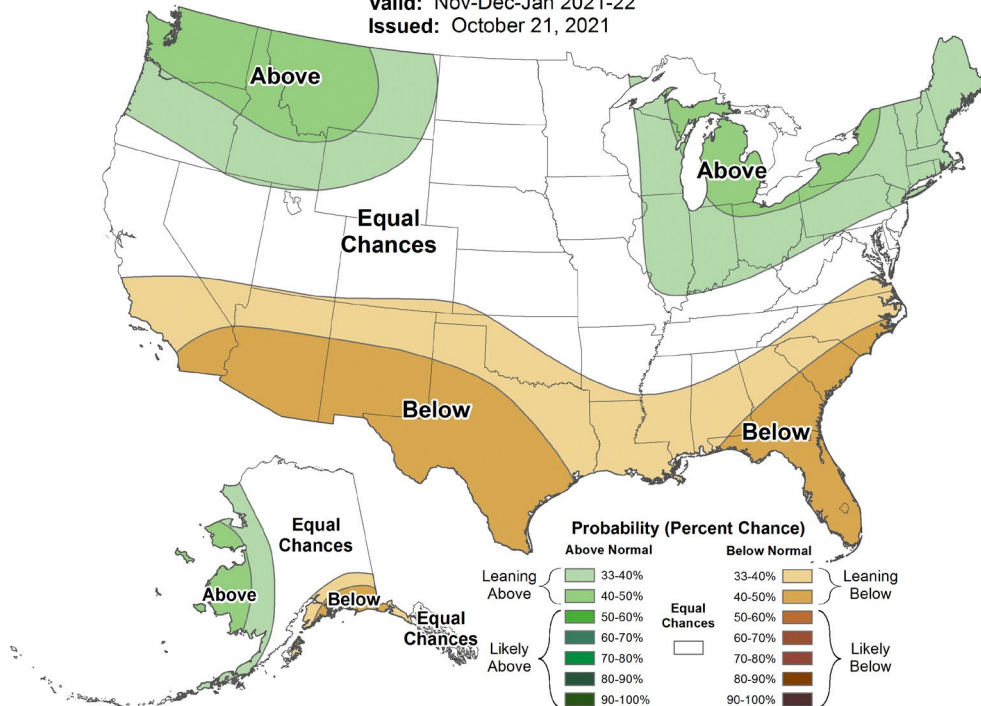
- Fallow Field Mapping, Los Banos, 10/14/2021
 - Adult BLH: 0-1 per 1 sweep
 - Roadsides were surveyed and a fallow field was mapped near Cotton Gin Rd. Sheep were grazing in this field, reducing the potentially treatable acreage.
- Fallow Field Survey, Los Banos, 10/11/2021
 - Adult BLH: N/A
 - A visual survey was conducted north of Hwy 152 toward to the Merced/Stanslaus County line. Host vegetation was minimal along roadsides and in mapped fallow fields.



Seasonal Precipitation Outlook



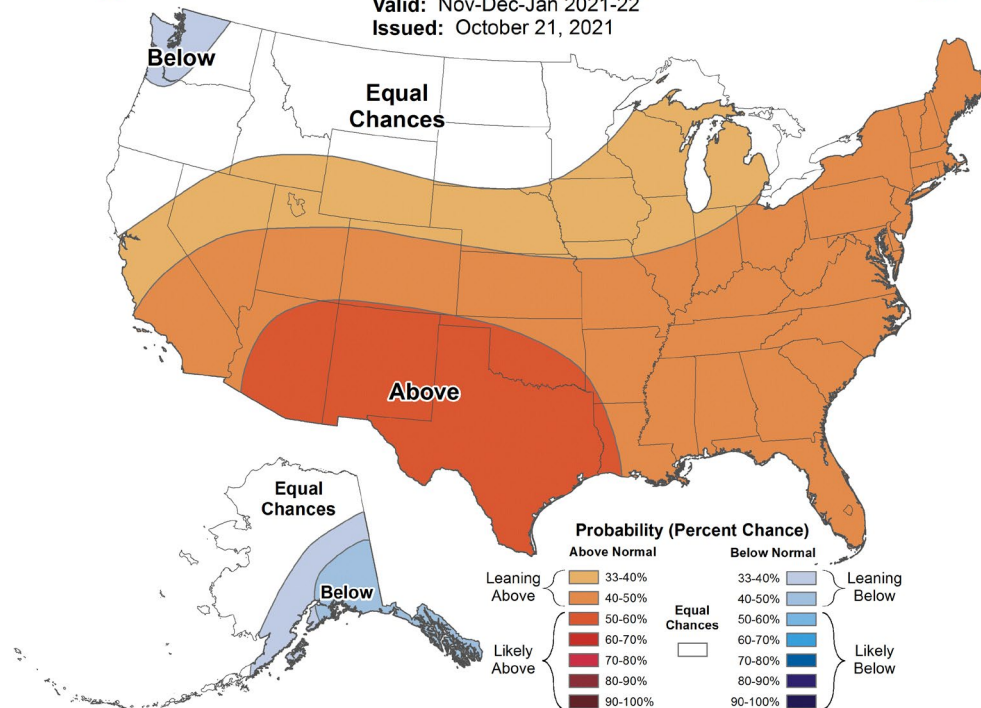
Valid: Nov-Dec-Jan 2021-22
Issued: October 21, 2021



Seasonal Temperature Outlook



Valid: Nov-Dec-Jan 2021-22
Issued: October 21, 2021



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

www.cdfa.ca.gov/subscriptions/

To view the BCTV Program Website, use the link below:

https://www.cdfa.ca.gov/plant/ipc/curlytopvirus/ctv_hp.htm