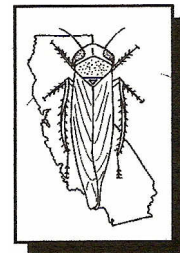


BEET CURLY TOP VIRUS MONTHLY REPORT



CURLY TOP VIRUS CONTROL PROGRAM

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Report for August 2021

Program Update

- In August, the Curly Top Virus (CTV) Control Program (Program) prepared for potential fall treatment in the San Joaquin Valley (SJV).
- Across the SJV floor, personnel continued to survey and map fallow fields with Russian thistle. So far, beet leafhopper (BLH) population counts remain less than one (<1) BLH per single (1) net sweep, with second instar nymphs being observed consistently after August 23rd.
- The Program sent waivers to property owners requesting permission to conduct treatments to control BLH as needed. Fall treatment is contingent on BLH counts of eight (8) per single (1) net sweep; and timed to occur before the start of seasonal rain in late-October/November.
- By the end of August, some fallow fields had been disked, reducing the potentially treatable acreage to 9,258 from the 11,640 that was mapped in July.
 - Fresno County: 3,289 Acres (reduced from 5,528)
 - Kern County: 1,474 Acres (reduced from 1,617)
 - Kings County: 4,495 Acres (no change)
- The Program has not received updated pathology results from symptomatic tomato plant or beet leafhopper samples. To view the most recent sample results, please visit the Program's Webpage, where all of the 2021 monthly reports are now published. https://www.cdfa.ca.gov/plant/ipc/curlytopvirus/ctv_hp.htm
- For program inquiries or questions regarding this report, please contact Samuel Krasnobrod at Samuel.Krasnobrod@cdfa.ca.gov.

County Reports:

Fresno County

- Fallow Field Survey, Three Rocks, 8/3/2021
 - Adult BLH: 0-1 per 1 net sweep
 - Primary host weed: Russian thistle
 - Observed 320 acres being disked
- Fallow Field Survey, Five Points, 8/4/2021
 - Adult BLH: 0-1 per 1 net sweep
 - Primary host weed: Russian thistle
- Fallow Field Survey, Mendota, 8/9/2021
 - Adult BLH: 0-1 per 1 net sweep
 - Observed roughly 900 acres being disked near Central Ave at Hwy 33
- Fallow Field Survey, Five Points, 8/18/2021
 - Adult BLH: 0-1 per 1 net sweep
 - Primary host weed: Russian thistle
 - Observed just over 640 acres being disked west of the Hwy 145-269 junction.

Kern County

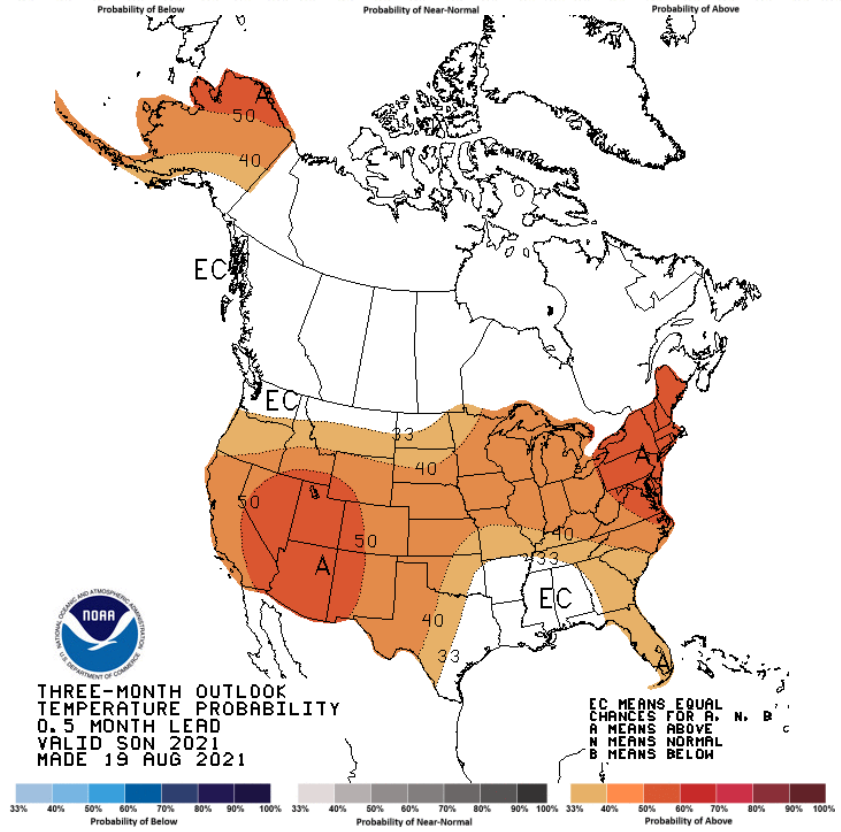
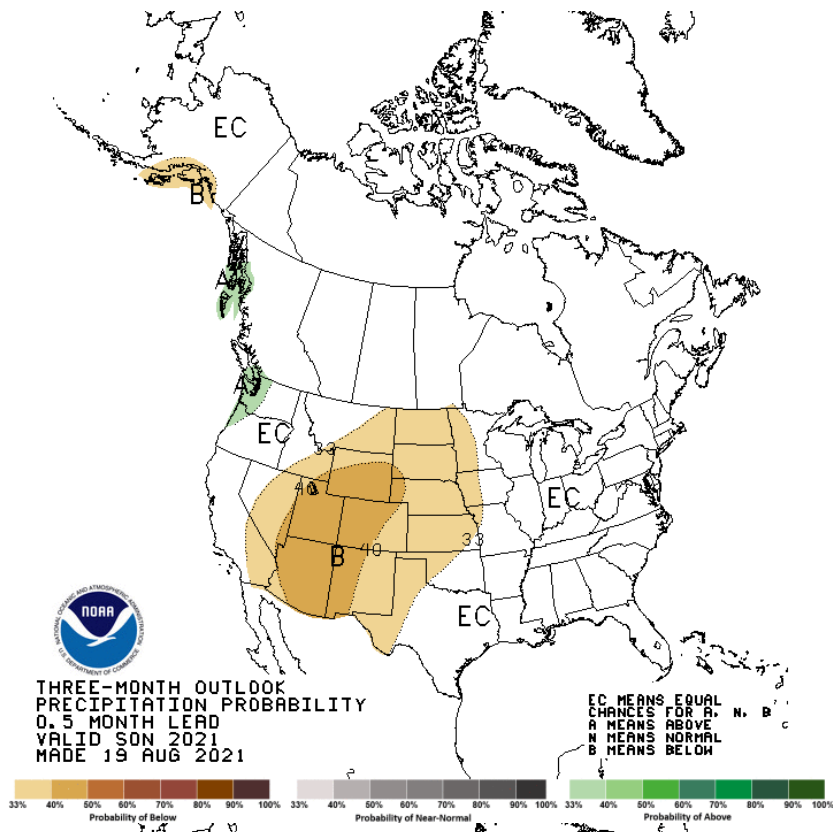
- Fallow Field Survey, Lost Hills, 8/19/2021
 - Adult BLH: 0-1 per 1 sweep
 - Russian thistle was surveyed for BLH along roadsides and in fallow fields.
- Fallow Field Survey, Lost Hills, 8/24/2021
 - Adult BLH: 0-1 per 1 sweep
 - Nymph BLH: 0-1 per 1 sweep (2nd instar nymphs)

Kings County

- Fallow Field Survey, Utica, 8/9/2021
 - Adult BLH: 0-1 per 1 sweep
 - Primary host weed: Russian thistle
 - BLH surveys took place in mapped fallow fields along Utica Ave, east of I-5. BLH populations remain low.
- Fallow Field Survey, Kettleman City, 8/16/2021
 - Adult BLH: 0-1 per 1 sweep
 - Primary host weed: Russian thistle, Chenopodium
- Fallow Field Survey, Utica, 8/23/2021
 - Adult BLH: 0-1 per 1 sweep
 - Nymph BLH: 0-1 per 1 sweep (2nd instar nymphs)
 - Primary host weed: Russian thistle, Chenopodium

Merced County

- Fallow Field Mapping, Gustine, 8/10/2021
 - Adult BLH: 0-1 per 1 net sweep
 - Visual inspection of roadsides and fallow fields across Merced County, from Gustine to Firebaugh between I-5 and Hwy 33. No new fallow fields were mapped.
 - Stretches of Russian thistle with low BLH counts were observed along roadsides



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

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