

Beet Curly Top Virus Control Program

Monthly Report

California Department of Food and Agriculture
Plant Health and Pest Prevention Services
Integrated Pest Control Branch
2895 N. Larkin Ave, Suite A
Fresno, CA 93727
Phone: (559) 294-2031
Fax: (559) 294-2037



July 2024

Program Update

- In July, Beet Curly Top Virus Control Program (BCTVCP) personnel conducted beet leafhopper (BLH) and vegetation surveys in the foothills on the westside of the San Joaquin and Sacramento Valleys in Fresno, Kern, Kings, Yolo, Sutter, Glenn, Merced, Stanislaus, Butte, Sacramento, San Joaquin, Madera, Tehama, and Colusa counties.
- BLH counts remained very low or not present in all survey areas statewide (0-2 BLH per sweep). Low BLH populations have maintained throughout Summer.
- Mapping of fallow fields and roadside vegetation continues for future Fall assessment and control operations. Program staff will be increasing BLH monitoring for Fall assessment.
- High temperatures in July have affected summer host plant development as seen in reduced fallow field acreage and roadside vegetation. Russian Thistle development continues throughout the Central Valley in lower concentrations than usual.
- Commodity surveys are currently showing low percentages of damage (0-2%) statewide. Commodity surveys will conclude in August.
- The Program would like to remind growers and PCA's that any fallow fields or weedy areas adjacent to susceptible crops should be inspected for BLH prior to disking or mowing. The Program can be available for BLH surveys and, if needed, control of fallow fields and/or roadsides where BLH counts reach the control thresholds.
- 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 Kendra Tapia at kendra.tapia@cdfa.ca.gov or (916) 823-1169.

2024 Beet Curly Top Virus Sample Results

January 2024- BCTV Sample Results by County														
	Fresno	Kings	Kern	Merced	Madera	Glenn	Yolo	Colusa	Sutter	Butte	Solano	Sacramento	Stanislaus	San Joaquin
Positive BLH	5	5	1	1	-	-	-	-	-	-	-	-	-	-
Negative BLH	20	10	1	-	-	-	3	3	-	-	-	1	-	-
Positive Host Plant	-	1	1	1	-	-	-	-	-	-	-	-	-	-
Negative Host Plant	62	29	34	10	-	-	9	2	-	-	-	-	6	-

February 2024- BCTV Sample Results by County														
	Fresno	Kings	Kern	Merced	Madera	Glenn	Yolo	Colusa	Sutter	Butte	Solano	Sacramento	Stanislaus	San Joaquin
Positive BLH	6	-	10	-	-	-	-	-	-	-	-	-	-	-
Negative BLH	40	23	43	-	-	-	-	-	5	-	-	-	1	3
Positive Host Plant	3	-	1	-	-	-	-	-	-	-	-	-	-	-
Negative Host Plant	140	46	159	11	2	18	2	5	55	4	11	-	24	9

June 2024- BCTV Sample Results by County

	Fresno	Kings	Kern	Merced	Madera	Glenn	Yolo	Colusa	Sutter	Butte	Solano	Sacramento	Stanislaus	San Joaquin	Tehama
Positive BLH	3	-	-	-	-	-	-	-	-	-	-	1	-	-	1
Negative BLH	-	-	2	-	-	-	-	-	-	-	-	-	-	-	9
Positive Host Plant	-	-	12	-	-	-	-	-	-	-	-	-	-	-	-
Negative Host Plant	5	-	124	1	3	-	-	-	-	-	-	4	4	-	14
Positive Commodity Plants	7	6	49	1	-	-	1	-	-	-	-	-	1	-	1
Negative Commodity Plants	24	7	31	4	2	-	5	11	6	-	-	1	6	5	5

July 2024- BCTV Sample Results by County

[illegible]

County Reports

Fresno County

- BLH population surveys were conducted in the overwintering foothills as well as in fallow fields and roadsides within five miles of the foothills.
- Overall counts remained low throughout survey areas, averaging 0-1 BLH per sweep set.
- Host vegetation surveyed included Bassia and Russian Thistle.
- A map identifying the location of the BLH counts is provided at the end of the report.

Fresno County BLH Survey		
<u>Location</u>	<u>Date</u>	<u>Average # of BLH per 10 sweeps</u>
Levis	7/8/2024	0.2
W South Ave	7/8/2024	0.2

Kern County

- BLH population surveys were conducted in the overwintering foothills as well as in fallow fields and roadsides within five miles of the foothills.
- Overall counts remained low throughout survey areas, averaging 0-1 BLH per sweep set.
- Host plant vegetation surveyed included Salt Bush, Lamb's Quarter, Bassia, and Russian Thistle.
- A map identifying the location of the BLH counts is provided at the end of the report.

Kern County BLH Survey		
<u>Location</u>	<u>Date</u>	<u>Average # of BLH per 10 sweeps</u>
Spicer City	7/2/2024	0.4
North Belridge	7/3/2024	0.2
Lost Hills Rd	7/3/2024	0.6
Antelope Valley	7/9/2024	0.8
San Emidio	7/10/2024	0.1
Antelope Valley	7/10/2024	0.1
Antelope Valley	7/11/2024	0.4
Spicer City	7/15/2024	0.1
San Emidio	7/15/2024	0.2
Conner	7/16/2024	0.1
San Emidio	7/16/2024	0.2
Spicer City	7/17/2024	0.2
Buttonwillow	7/17/2024	0.2
Bowerbank	7/17/2024	0.2
Spicer City	7/22/2024	0.5
Semitropic	7/24/2024	0.3
Semitropic	7/25/2024	0.1
Taft	7/29/2024	0.1
Missouri Triangle	7/31/2024	0.2

Kings County

- BLH population surveys were conducted in the overwintering foothills as well as in fallow fields and roadsides within five miles of the foothills.
- Overall counts remained low throughout the survey areas, averaging 0-1 BLH per sweep set.
- Host vegetation surveyed included Bassia and Russian Thistle.
- A map identifying BLH counts is provided at the end of the report.

Kings County BLH Survey		
<u>Location</u>	<u>Date</u>	<u>Average # of BLH per 10 sweeps</u>
Stratford	7/23/2024	0.2

Madera County

- BLH population surveys were conducted in fallow fields and roadsides within five miles of the foothills.
- No BLH were observed during survey in Madera County.

Merced County

- BLH population surveys were conducted in fallow fields and roadsides within five miles of the foothills.
- No BLH were observed during survey in Merced County.

San Joaquin County

- BLH population surveys were conducted in fallow fields and roadsides within five miles of the foothills.
- No BLH were observed during survey in San Joaquin County.
- Host vegetation surveyed included Mallow and Bindweed.

Colusa County

- BLH population surveys were conducted in fallow fields and roadsides within five miles of the foothills.
- No BLH were observed during survey in Colusa County.
- Host vegetation surveyed included Mallow.

Yolo County

- BLH population surveys were conducted in fallow fields and roadsides within five miles of the foothills.
- Overall counts remained very low throughout the survey areas, averaging 0-1 BLH per sweep set.
- Host vegetation surveyed included Russian Thistle, Mallow, Bindweed, and Lamb's Quarter.
- A map identifying BLH counts is provided at the end of the report.

Yolo County BLH Survey		
<u>Location</u>	<u>Date</u>	<u>Average # of BLH per 10 sweeps</u>
Clarksburg	7/16/2024	0.5
Road 99E	7/17/2024	0.7
Woodland	7/18/2024	0.3
Woodland	7/25/2024	0.1
County Rd 112	7/29/2024	0.4
County Rd 98A	7/30/2024	0.2
Tyndall Landing	7/30/2024	0.3
Madison	7/31/2024	0.1
Conaway	7/31/2024	0.1

Sutter County

- BLH population surveys were conducted in fallow fields and roadsides within five miles of the foothills.
- Overall counts remained very low throughout the survey areas, averaging 0-1 BLH per sweep set.
- Host vegetation surveyed included Mallow and Bindweed.
- A map identifying BLH counts is provided at the end of the report.

Sutter County BLH Survey		
<u>Location</u>	<u>Date</u>	<u>Average # of BLH per 10 sweeps</u>
Ensley	7/1/2024	0.1
Pelger Rd	7/2/2024	0.1

Stanislaus County

- BLH population surveys were conducted in fallow fields and roadsides within five miles of the foothills.
- No BLH were observed during survey in Stanislaus County.
- Host vegetation surveyed included Russian Thistle.

Glenn County

- BLH population surveys were conducted in fallow fields and roadsides within five miles of the foothills.
- No BLH were observed during survey in Glenn County.

Butte County

- BLH population surveys were conducted in fallow fields and roadsides within five miles of the foothills.
- No BLH were observed during survey in Butte County.

Sacramento County

- BLH population surveys were conducted in fallow fields and roadsides within five miles of the foothills.
- No BLH were observed during Survey in Sacramento County.

Solano County

- BLH population surveys were conducted in fallow fields and roadsides within five miles of the foothills.
- No BLH were observed during survey in Solano County.
- Host vegetation surveyed included Bindweed and Russian Thistle.

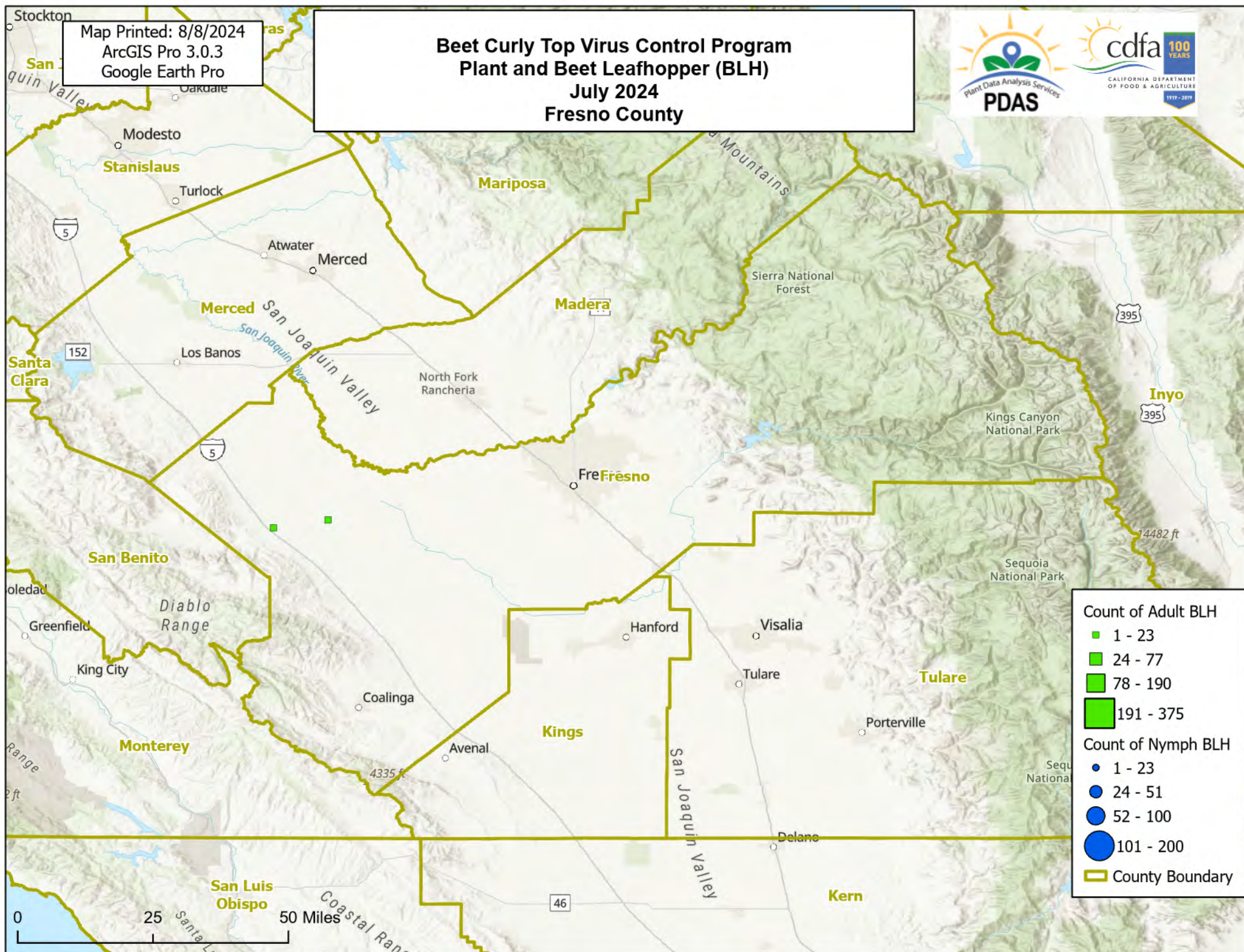
Tehama County

- BLH population surveys were conducted in fallow fields and roadsides within five miles of the foothills.
- No BLH were observed during survey in Tehama County.

To subscribe to the BCTV monthly report, updates, and alerts, please use the link below:
www.cdfa.ca.gov/subscriptions/

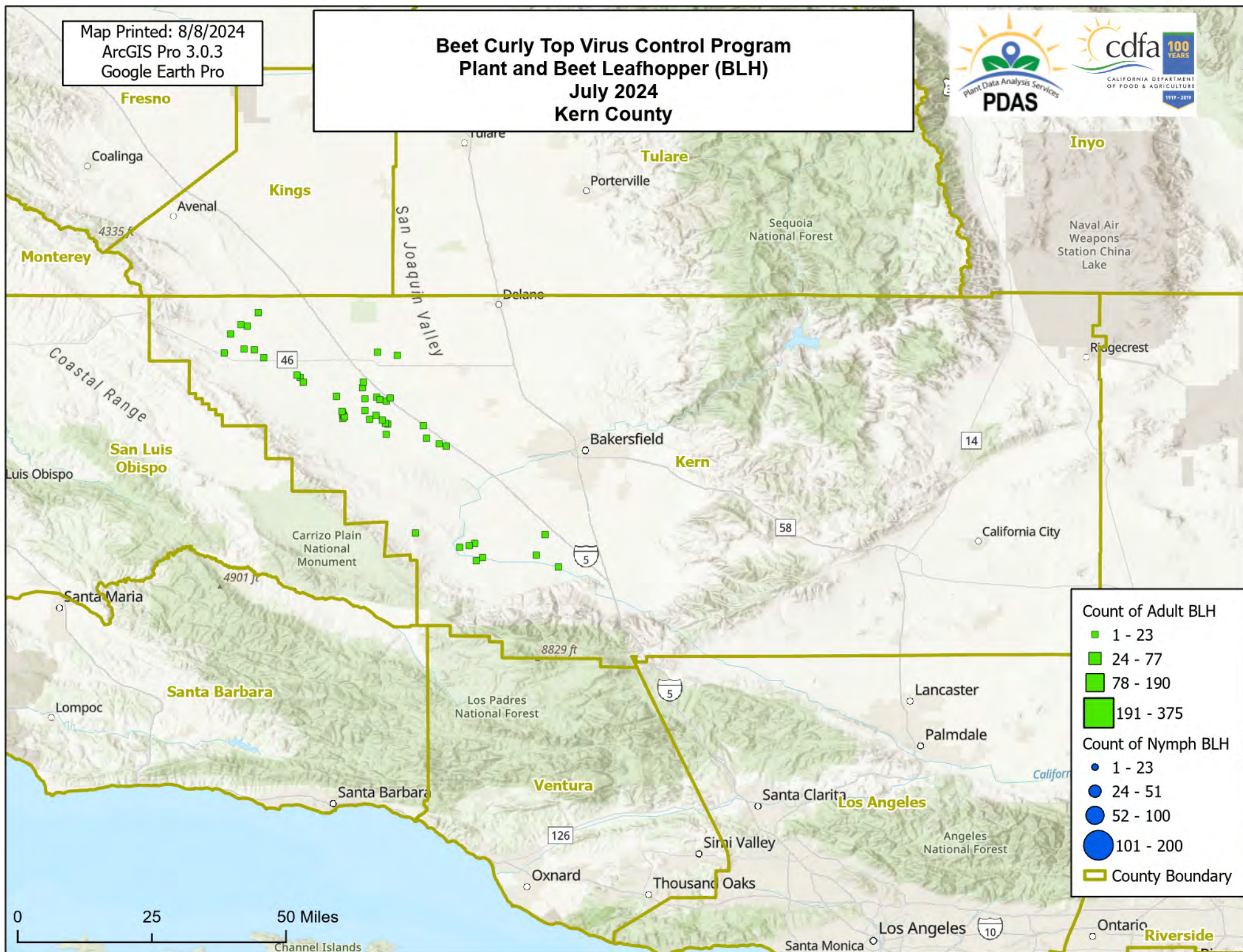
Map Printed: 8/8/2024
ArcGIS Pro 3.0.3
Google Earth Pro

Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) July 2024 Fresno County



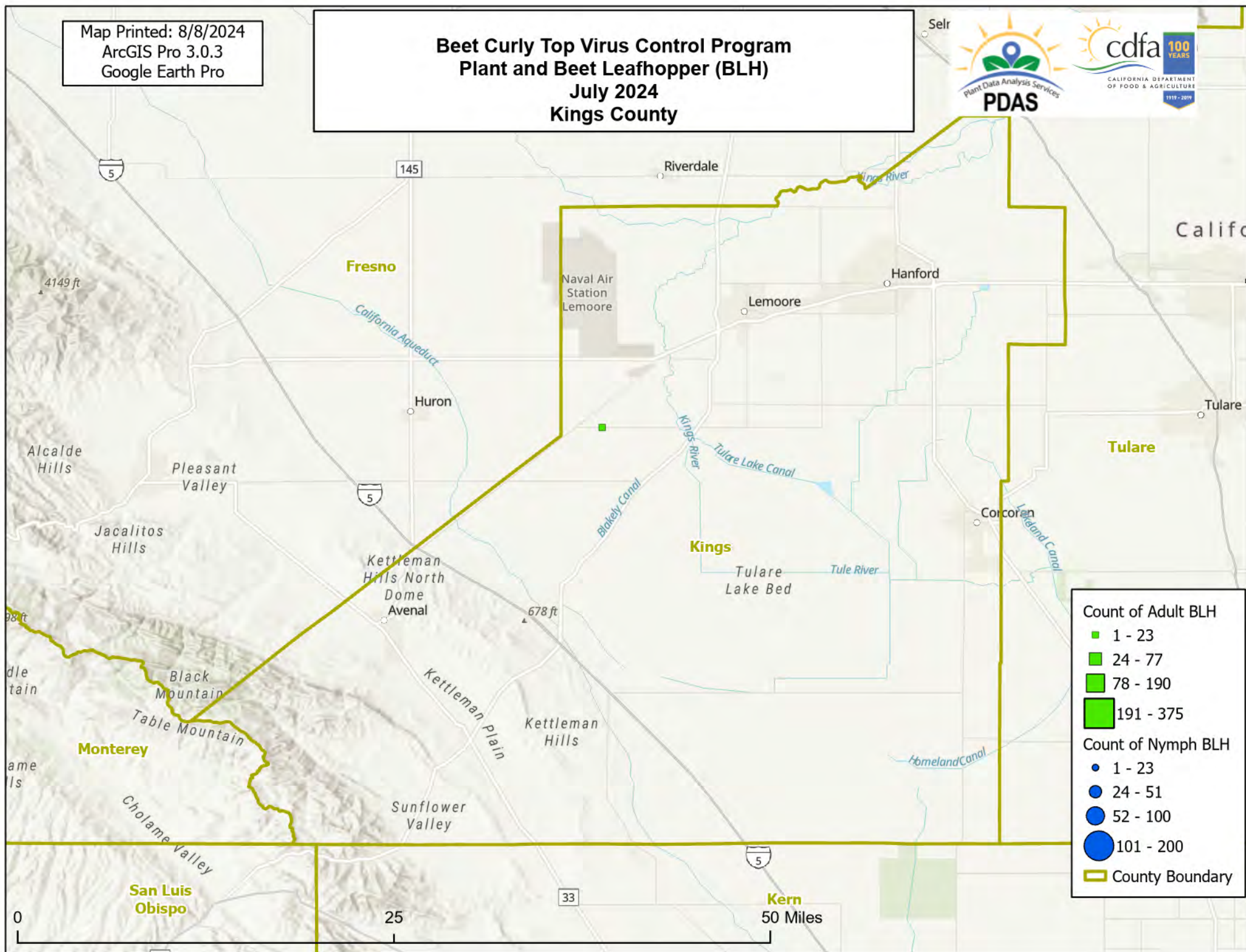
Map Printed: 8/8/2024
ArcGIS Pro 3.0.3
Google Earth Pro

Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) July 2024 Kern County



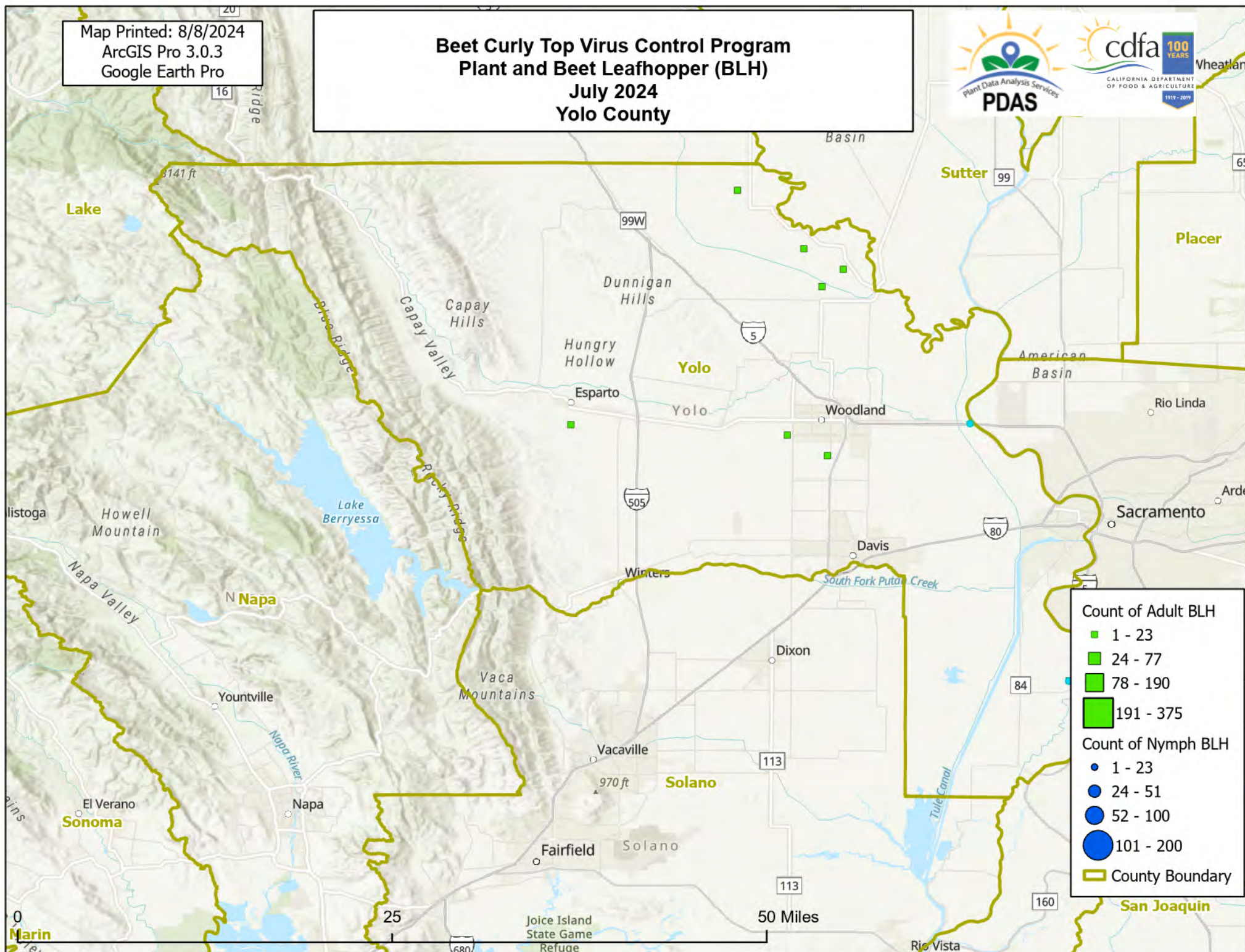
Map Printed: 8/8/2024
ArcGIS Pro 3.0.3
Google Earth Pro

Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) July 2024 Kings County



Map Printed: 8/8/2024
ArcGIS Pro 3.0.3
Google Earth Pro

Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) July 2024 Yolo County



Map Printed: 8/8/2024
ArcGIS Pro 3.0.3
Google Earth Pro

Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) July 2024 Sutter County

