

# Beet Curly Top Virus Control Program

## Monthly Report

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June 2024

### Program Update

- In June, 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). There have been some higher levels of BLH activity observed in the Central Valley, but it remains limited.
- BLH population surveys on the valley floor and roadsides will increase over the next few months. Mapping of fallow fields and roadside vegetation continues for future Fall assessment and control operations.
- Summer host plant vegetation throughout the State continues to thrive with Russian Thistle, Goosefoot, and Bassia accounting for the highest percentages. Program staff have observed high concentrations of fallow fields in the Central Valley.
- Commodity surveys are currently showing low percentages of damage (0-2%) statewide. Additional commodities are being inspected but have also yielded low percentages of damage.
- 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](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](mailto: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



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## 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 Mallow 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>
Turk	6/5/2024	0.8
Ora	6/5/2024	0.5
Coalinga	6/11/2024	0.5
Ora	6/24/2024	0.3

### 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, Goosefoot, 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>
San Emidio	6/3/2024	0.4
Lakeview	6/4/2024	0.2
Millux	6/5/2024	0.2
Spicer City	6/5/2024	1.3
Bowerbank	6/6/2024	0.5
Lakeview	6/10/2024	0.2
Millux	6/10/2024	0.4
Spicer City	6/12/2024	0.3
Missouri Triangle	6/12/2024	0.9
San Emidio	6/17/2024	0.1
Tupman	6/19/2024	0.2
San Emidio	6/20/2024	0.1
Bena	6/24/2024	0.2
Lost Hills	6/25/2024	0.5
Lost Hills	6/26/2024	0.4
Arvin	6/27/2024	0.1

### 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.
- No BLH were observed during survey in Kings County.

### Madera County

- BLH population surveys were conducted 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 Mallow, Salt Bush, Goosefoot, and Russian Thistle.
- A map identifying BLH counts is provided at the end of the report.

Madera County BLH Survey		
<u>Location</u>	<u>Date</u>	<u>Average # of BLH per 10 sweeps</u>
Chowchilla	6/11/2024	0.1

### 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.
- Host vegetation surveyed included Russian Thistle.

### San Joaquin 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 Deerweed.

San Joaquin County BLH Survey		
<u>Location</u>	<u>Date</u>	<u>Average # of BLH per 10 sweeps</u>
French Camp	6/27/2024	0.1

### 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.

### Yolo County

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

### Sutter County

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

### Stanislaus 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, Pigweed, and Mustards.
- A map identifying BLH counts is provided at the end of the report.

Stanislaus County BLH Survey		
<u>Location</u>	<u>Date</u>	<u>Average # of BLH per 10 sweeps</u>
Westley	6/6/2024	0.4

### 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.
- Overall counts remained very low throughout the survey areas, averaging 0-1 BLH per sweep set.
- Host vegetation surveyed included Bindweed.
- A map identifying BLH counts is provided at the end of the report.

Sacramento County BLH Survey		
<u>Location</u>	<u>Date</u>	<u>Average # of BLH per 10 sweeps</u>
Cosumne	6/25/2024	0.4
Elk Grove	6/26/2024	0.5

### 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.

### Tehama County

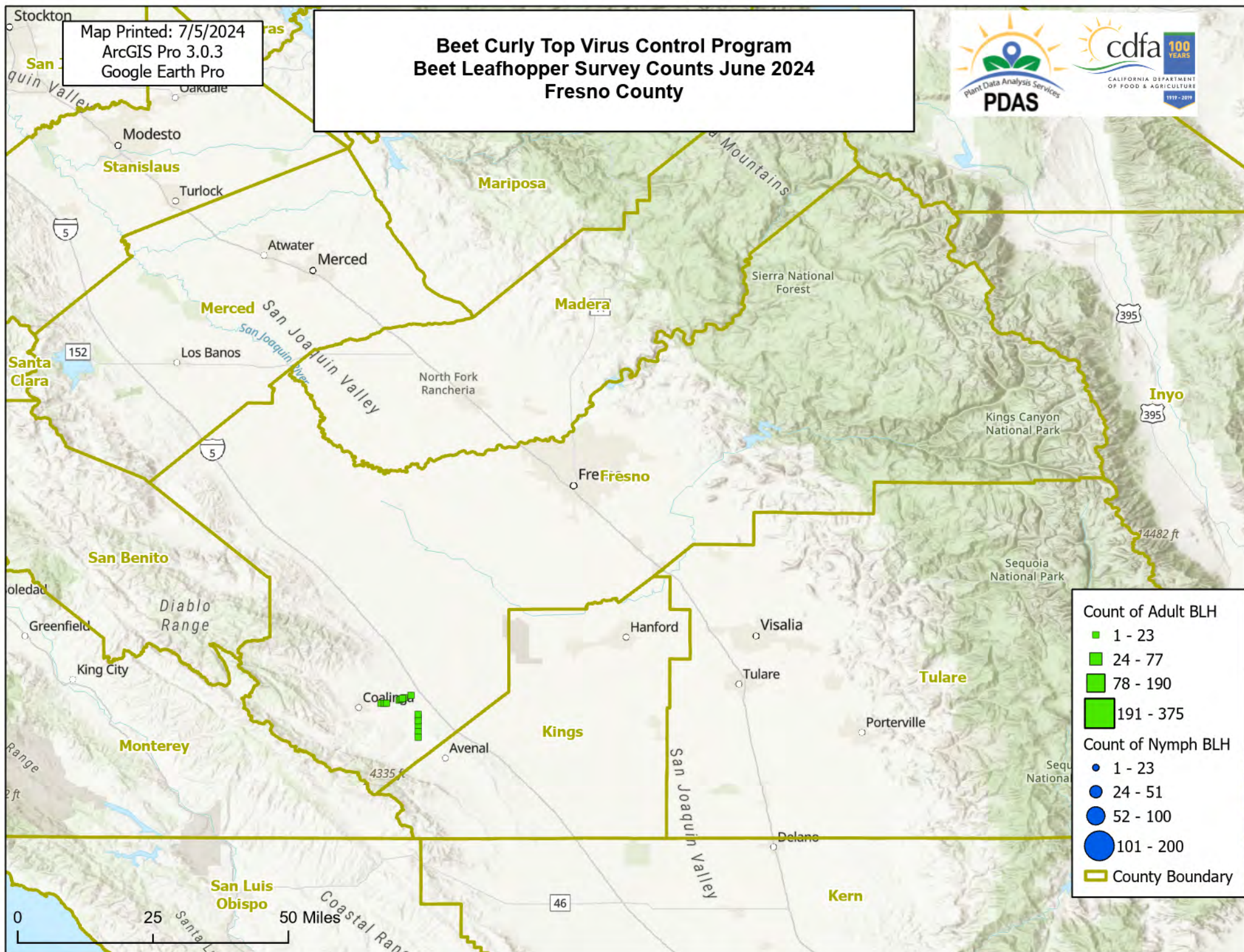
- BLH population surveys were conducted in fallow fields and roadsides within five miles of the foothills.
- Overall counts remained very low throughout the survey areas, averaging 0-1 BLH per sweep set.
- Host vegetation surveyed included Mallow, Filaree, Clover, Knotweed, Bindweed, and Russian Thistle.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

Tehama County BLH Survey		
<u>Location</u>	<u>Date</u>	<u>Average # of BLH per 10 sweeps</u>
Vina	6/4/2024	0.3
Vina	6/18/2024	1.1
Copeland	6/19/2024	0.7
Walch Ave	6/20/2024	0.2

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

Map Printed: 7/5/2024  
ArcGIS Pro 3.0.3  
Google Earth Pro

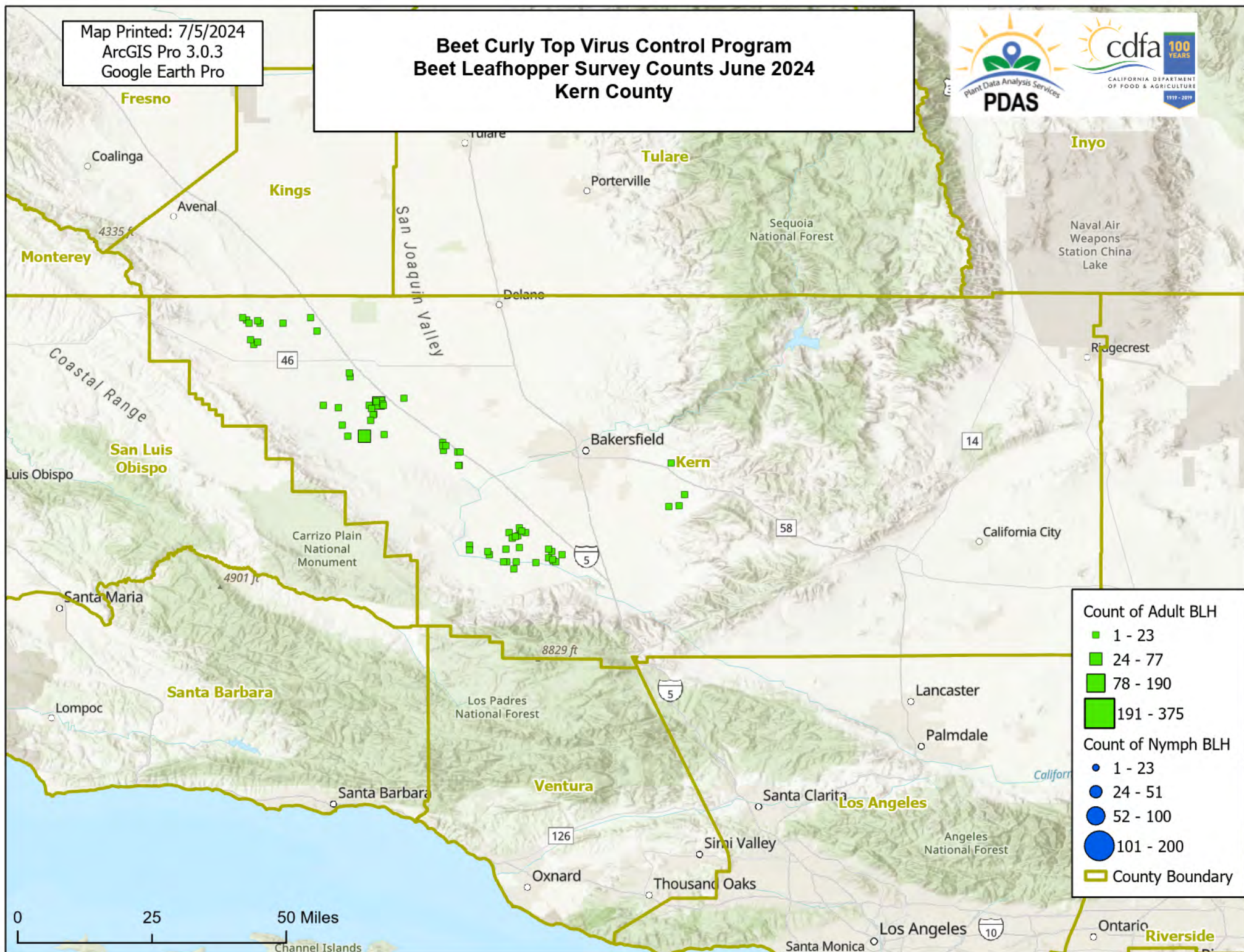
# Beet Curly Top Virus Control Program Beet Leafhopper Survey Counts June 2024 Fresno County





Map Printed: 7/5/2024  
ArcGIS Pro 3.0.3  
Google Earth Pro

# Beet Curly Top Virus Control Program Beet Leafhopper Survey Counts June 2024 Kern County



## Count of Adult BLH

- 1 - 23
- 24 - 77
- 78 - 190
- 191 - 375

## Count of Nymph BLH

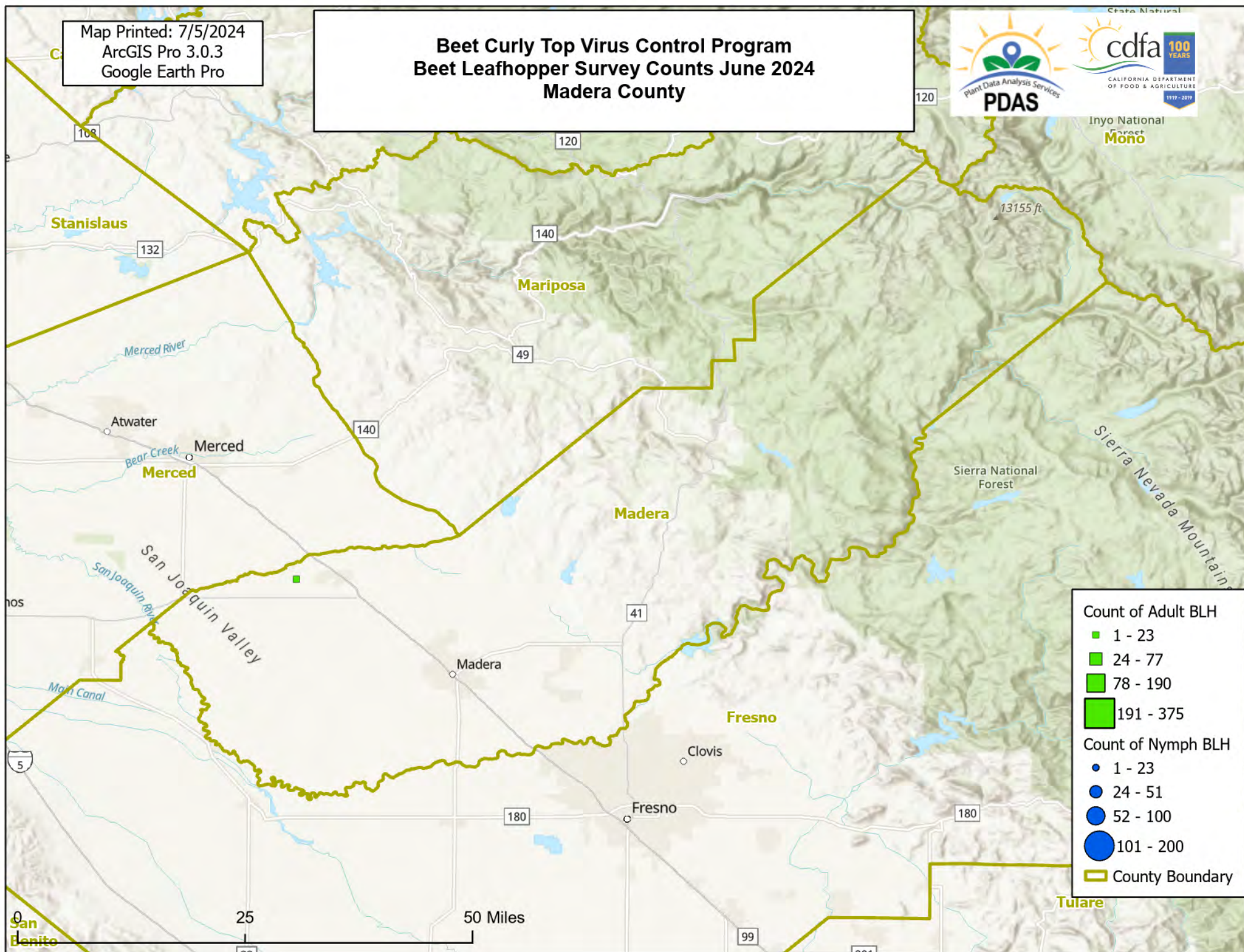
- 1 - 23
- 24 - 51
- 52 - 100
- 101 - 200

County Boundary



Map Printed: 7/5/2024  
ArcGIS Pro 3.0.3  
Google Earth Pro

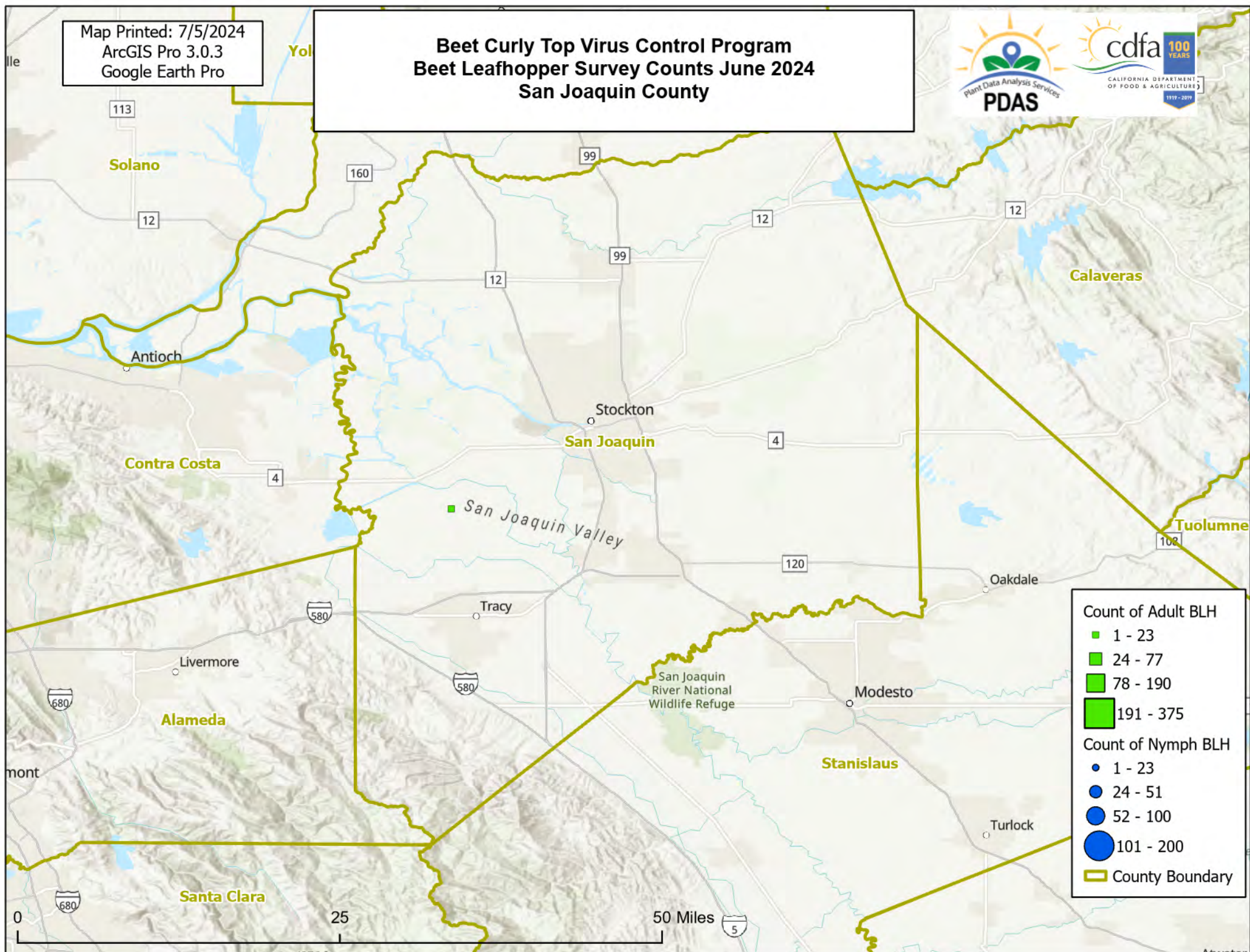
# Beet Curly Top Virus Control Program Beet Leafhopper Survey Counts June 2024 Madera County





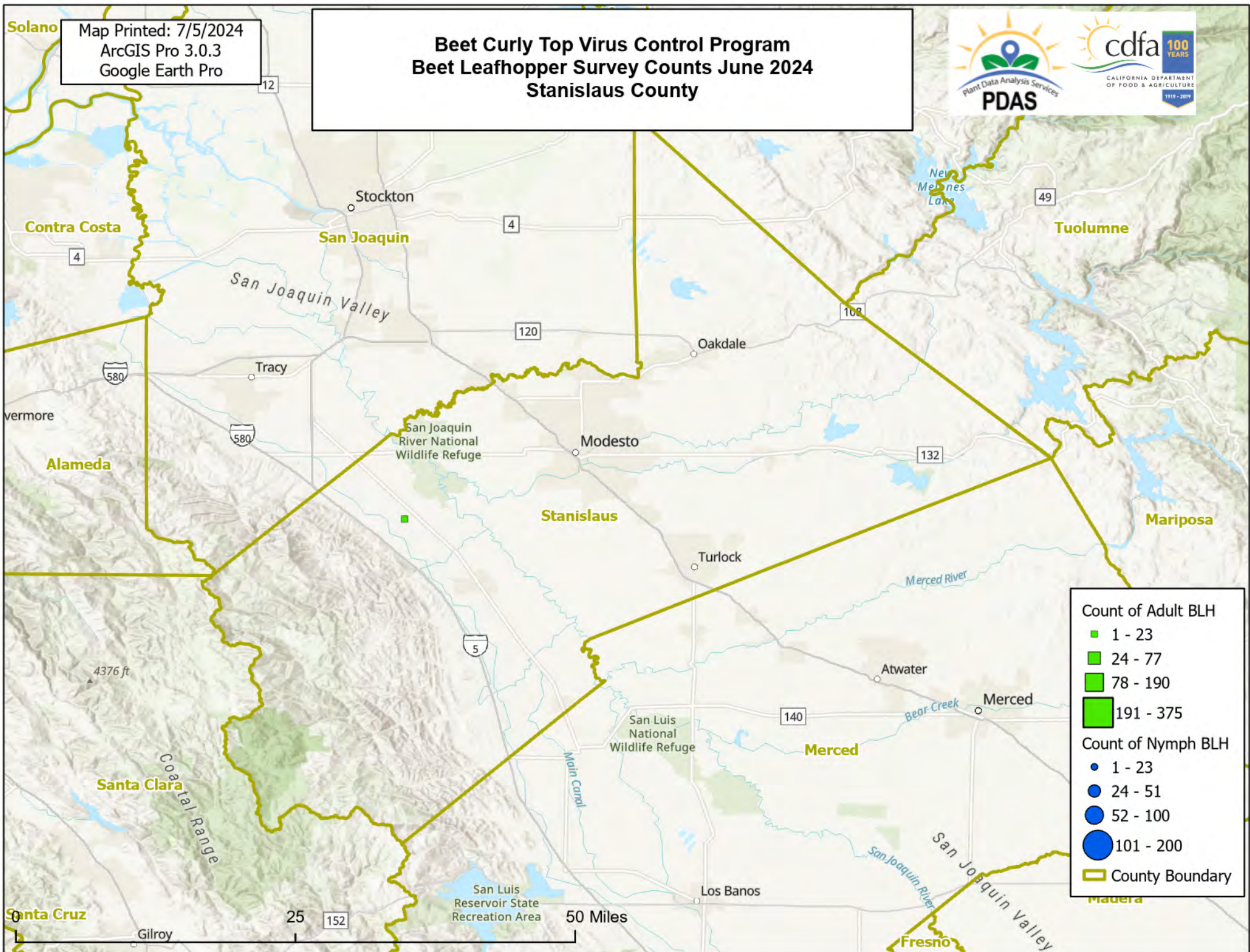
Map Printed: 7/5/2024  
ArcGIS Pro 3.0.3  
Google Earth Pro

# Beet Curly Top Virus Control Program Beet Leafhopper Survey Counts June 2024 San Joaquin County



- Count of Adult BLH
- 1 - 23
  - 24 - 77
  - 78 - 190
  - 191 - 375
- Count of Nymph BLH
- 1 - 23
  - 24 - 51
  - 52 - 100
  - 101 - 200
- County Boundary

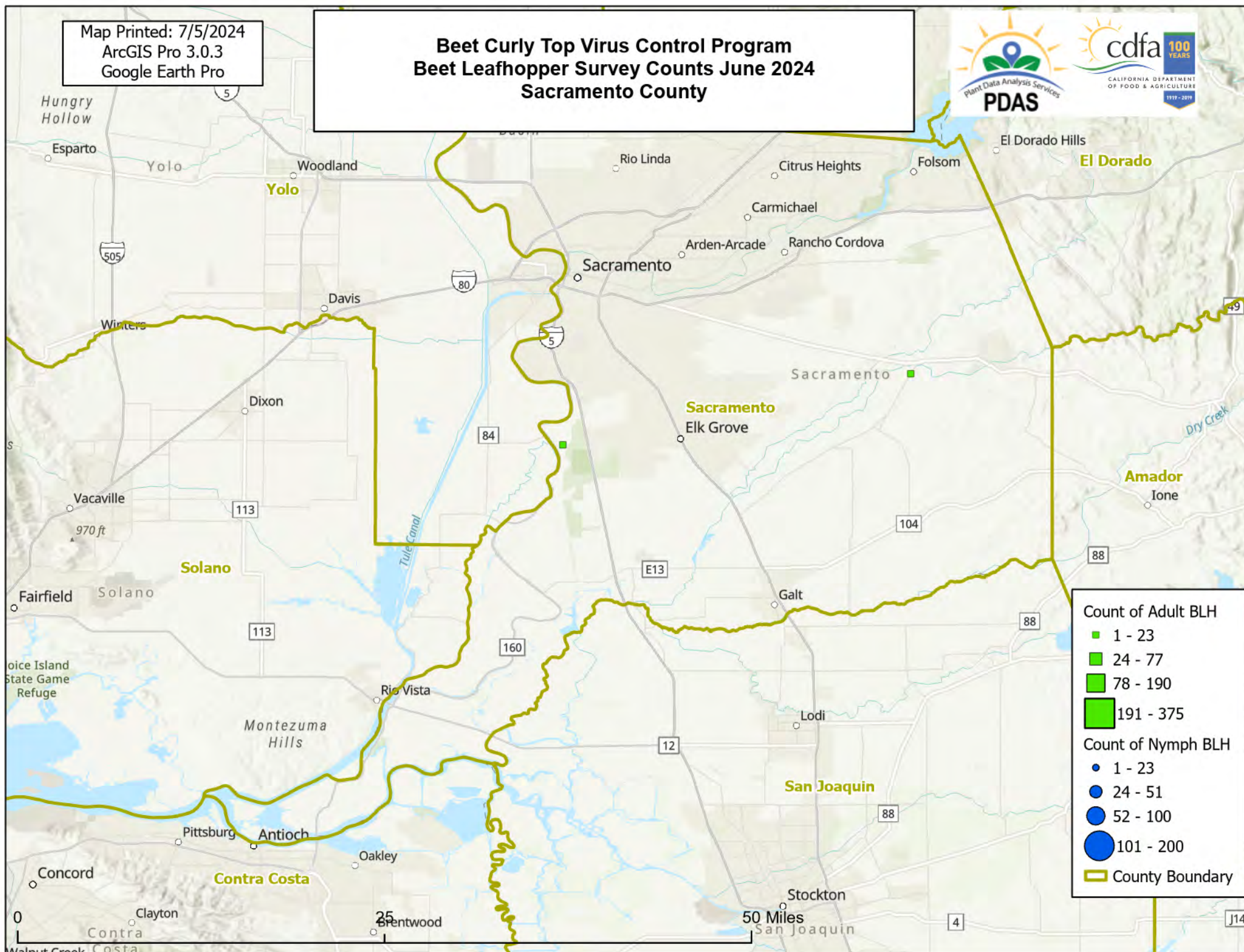






Map Printed: 7/5/2024  
ArcGIS Pro 3.0.3  
Google Earth Pro

# Beet Curly Top Virus Control Program Beet Leafhopper Survey Counts June 2024 Sacramento County



- Count of Adult BLH
- 1 - 23
  - 24 - 77
  - 78 - 190
  - 191 - 375
- Count of Nymph BLH
- 1 - 23
  - 24 - 51
  - 52 - 100
  - 101 - 200
- County Boundary



Map Printed: 7/5/2024  
ArcGIS Pro 3.0.3  
Google Earth Pro

# Beet Curly Top Virus Control Program Beet Leafhopper Survey Counts June 2024 Tehama County

