

# Beet Curly Top Virus Control Program

## Monthly Report

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**November 2024**

### Program Update

- In November, Beet Curly Top Virus Control Program (BCTVCP) personnel conducted beetle 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, and Colusa counties.
- BLH counts remained very low or not present in all survey areas statewide (0-2 BLH per sweep set).
- Program staff have shifted to Spring survey protocols. San Joaquin Valley staff will continue to survey in the 1-3 mile buffer zone while the Program waits for host plant development in the hillsides. Rain events in November may accelerate vegetation growth in the hills.
- Die-off of host vegetation, primarily Russian thistle, Mallow, and Salt bush is observed throughout all survey areas.
- 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



### 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]

August 2024- BCTV Sample Results by County															
	Fresno	Kings	Kern	Merced	Madera	Glenn	Yolo	Colusa	Sutter	Butte	Solano	Sacramento	Stanislaus	San Joaquin	Tehama
Positive BLH	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Negative BLH	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-
Positive Host Plant	12	4	100	4	2	-	-	-	-	-	-	-	5	1	-
Negative Host Plant	27	11	209	4	-	10	2	2	5	-	1	3	6	2	-
Positive Commodity Plants	-	-	-	-	-	1	-	-	-	-	-	-		1	-
Negative Commodity Plants	-	-	-	-	-	16	3	29	5	-	25	14	-	12	-

September 2024- BCTV Sample Results by County															
	Fresno	Kings	Kern	Merced	Madera	Glenn	Yolo	Colusa	Sutter	Butte	Solano	Sacramento	Stanislaus	San Joaquin	Yuba
Positive BLH	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Negative BLH	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Positive Host Plant	4	1	73	5	2	1	-	-	-	-	-	-	3	-	-
Negative Host Plant	5	2	158	5	2	3	14	18	7	13	4	13	5	18	1
Positive Commodity Plants	-	-	-	-	-	-	-	-	1	-	-	-		-	-
Negative Commodity Plants	-	-	-	-	-	-	6	5	6	3	7	17	-	25	-

October 2024- BCTV Sample Results by County															
	Fresno	Kings	Kern	Merced	Madera	Glenn	Yolo	Colusa	Sutter	Butte	Solano	Sacramento	Stanislaus	San Joaquin	Yuba
Positive BLH	9	1	-	1	-	-	-	-	-	-	-	-	1	-	-
Negative BLH	7	3	1	1	-	-	-	-	-	-	-	-	-	-	-
Positive Host Plant	8	3	10	5	2	1	-	-	2	-	-	-	1	1	-
Negative Host Plant	18	3	91	4	1	14	22	20	59	20	30	12	8	16	-
Positive Commodity Plants	-	-	-	-	-	-	-	-	-	-	-	-		-	-
Negative Commodity Plants	-	-	-	1	-	-	2	1	3	2	1	-	1	4	-

[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.
- No BLH were observed during survey in Fresno County.

### 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 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 sweep set</u>
Elk Hills Rd	11/13/2024	0.6
Rod's Hill	11/15/2024	1.2

### 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.
- 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.
- 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.
- Overall counts remained low throughout the survey areas, averaging 0-1 BLH per sweep set.
- Host vegetation surveyed included Mallow, Filaree, Salt bush, Sprangle top, and Russian Thistle.
- A map identifying BLH counts is provided at the end of the report.

San Joaquin County BLH Survey		
<u>Location</u>	<u>Date</u>	<u>Average # of BLH per sweep set</u>
Tracy	11/6/2024	1.1
Stockton	11/7/2024	1.2
Acampo	11/7/2024	0.8
W Turner Rd	11/19/2024	0.4

### Colusa 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 and Russian Thistle.
- A map identifying BLH counts is provided at the end of the report.

Colusa County BLH Survey		
<u>Location</u>	<u>Date</u>	<u>Average # of BLH per sweep set</u>
Wescott Rd	11/18/2024	0.6



### 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 Mallow, Bindweed, Russian Thistle, Bindweed, Lamb's Quarter, Bermuda grass, Water pepper, and Sprangle top.
- 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 sweep set</u>
County Rd 102	11/4/2024	0.2
N Harbor Blvd	11/4/2024	0.4
Davis	11/5/2024	0.4
Knights Landing	11/5/2024	0.4
Hwy 45	11/5/2024	0.4
County Rd 38A	11/6/2024	0.2
Davis	11/7/2024	2.8
Davis	11/12/2024	1.0
Woodland	11/18/2024	2.1
County Rd 24	11/18/2024	2.4
County Rd 99D	11/18/2024	0.4

### 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, Mustards, Lamb's Quarter, Russian Thistle, Primrose, Alfalfa, 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 sweep set</u>
West Butte	11/12/2024	0.8
Joesphine	11/12/2024	0.6
W Butte Rd	11/13/2024	0.6
El Centro Blvd	11/26/2024	0.4
Sankey	11/26/2024	1.0

### 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, Mallow, and Filaree.
- 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 sweep set</u>
Bell Rd	11/13/2024	0.2
Newman	11/13/2024	0.8
Newman	11/14/2024	1.6
Prune Ave	11/14/2024	0.2

### Glenn 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, Mustards, Sprangle top, Bindweed, and Russian Thistle.
- A map identifying BLH counts is provided at the end of the report.

Glenn County BLH Survey		
<u>Location</u>	<u>Date</u>	<u>Average # of BLH per sweep set</u>
County Rd 28	11/12/2024	0.1

### 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.
- Host vegetation surveyed included Mallow, Filaree, and Primrose.

### 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 Mallow, Peppergrass, Lamb's Quarter, Smart weed, Wild Oat, and Primrose.
- 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 sweep set</u>
Hicksville	11/4/2024	0.6
Ryde	11/4/2024	0.6
Grand Island Rd	11/4/2024	0.4
Freeport	11/19/2024	1.0

### Solano County

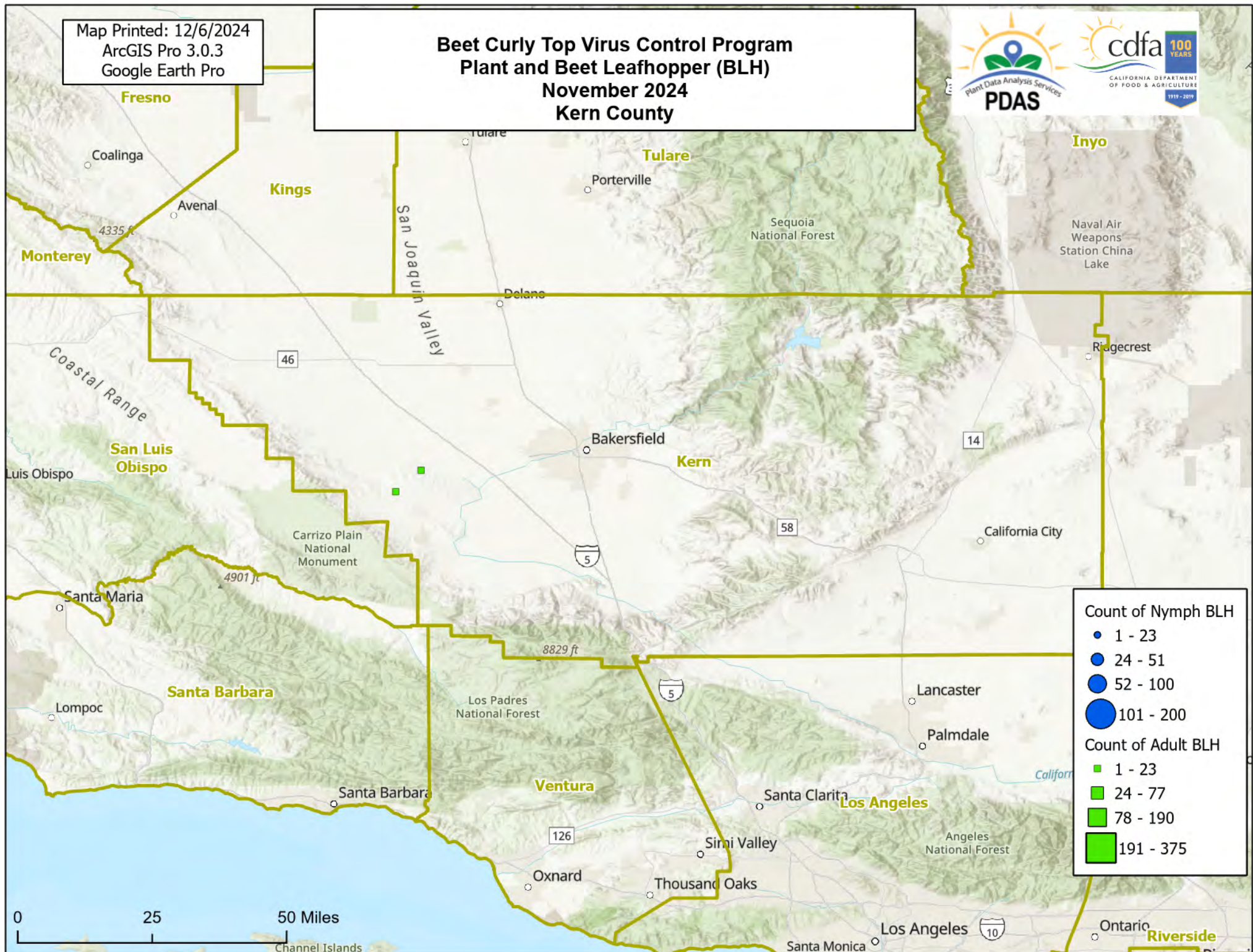
- BLH population surveys were conducted in fallow fields and roadsides within five miles of the foothills.
- Overall counts remained very low throughout the survey areas, averaging 0-1 BLH per sweep set.
- Host vegetation surveyed included Mallow, Russian Thistle, Lamb's Quarter, Filaree, Alfalfa, and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

Solano County BLH Survey		
<u>Location</u>	<u>Date</u>	<u>Average # of BLH per sweep set</u>
Mace Blvd	11/6/2024	0.8
Dixon	11/12/2024	1.5
Baker Rd	11/14/2024	1.0
Putah Creek Rd	11/14/2024	1.0
Fairfield	11/25/2024	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: 12/6/2024  
ArcGIS Pro 3.0.3  
Google Earth Pro

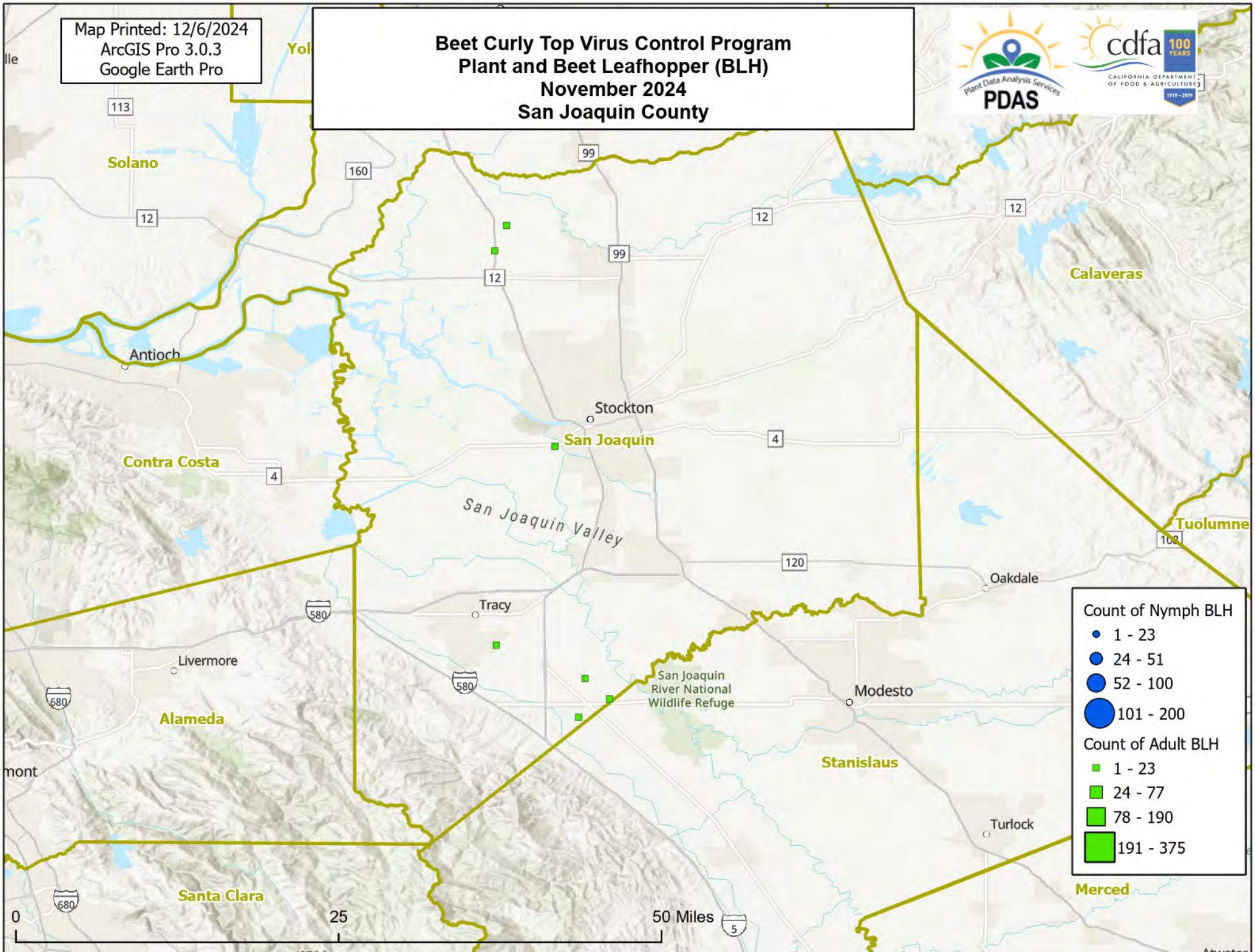
# Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) November 2024 Kern County





Map Printed: 12/6/2024  
ArcGIS Pro 3.0.3  
Google Earth Pro

# Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) November 2024 San Joaquin County



## Count of Nymph BLH

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

## Count of Adult BLH

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

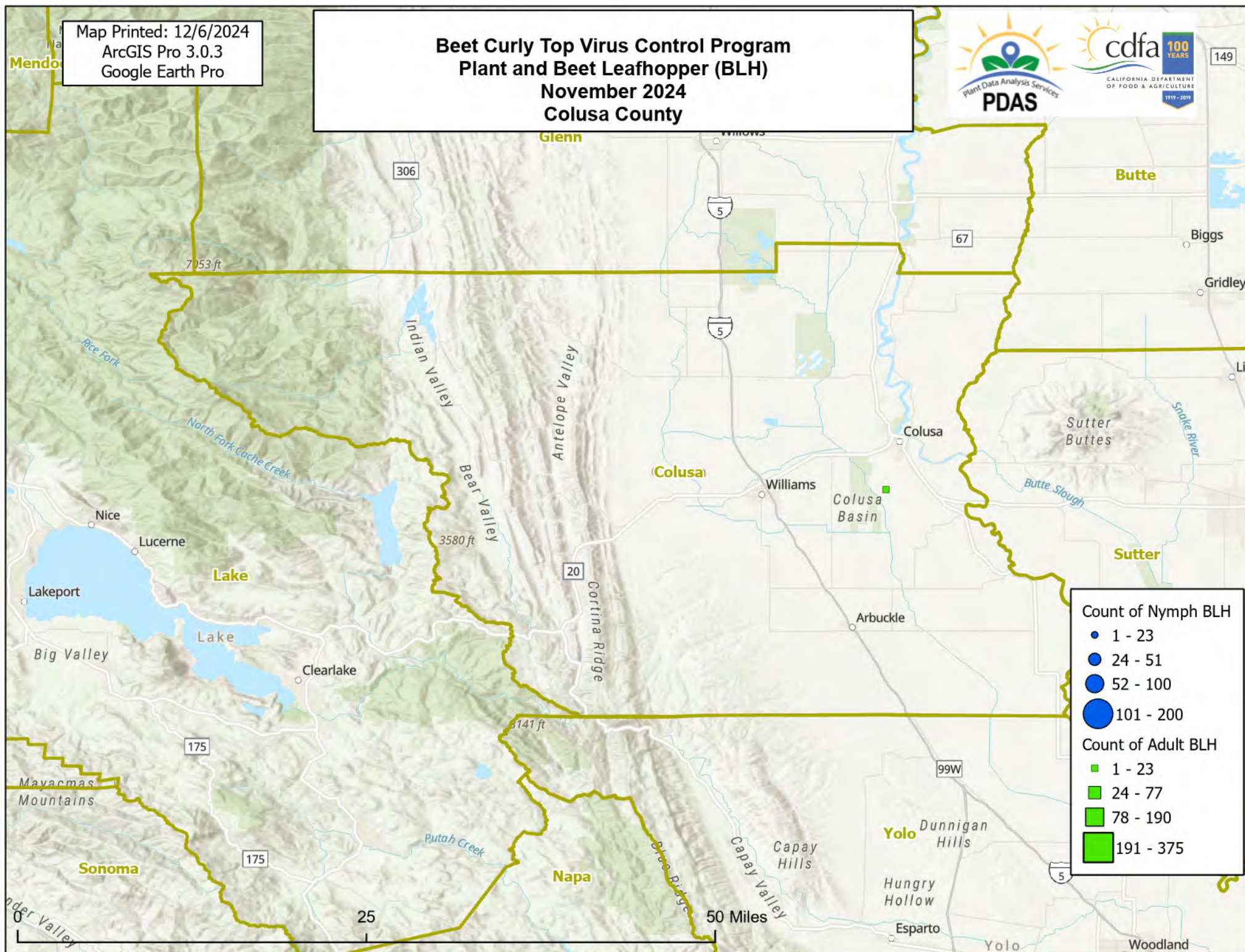


Map Printed: 12/6/2024  
ArcGIS Pro 3.0.3  
Google Earth Pro

# Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) November 2024 Colusa County



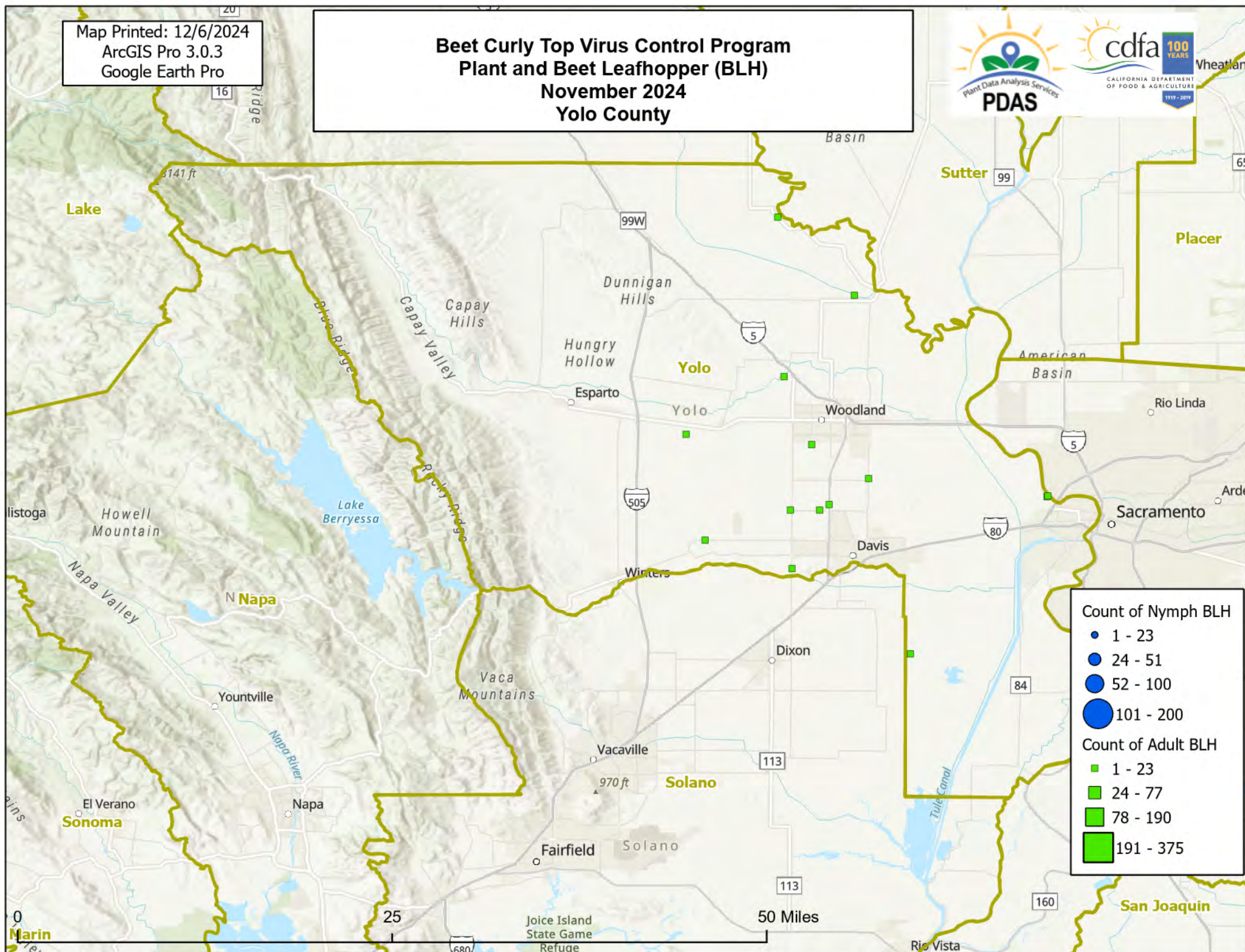
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Map Printed: 12/6/2024  
ArcGIS Pro 3.0.3  
Google Earth Pro

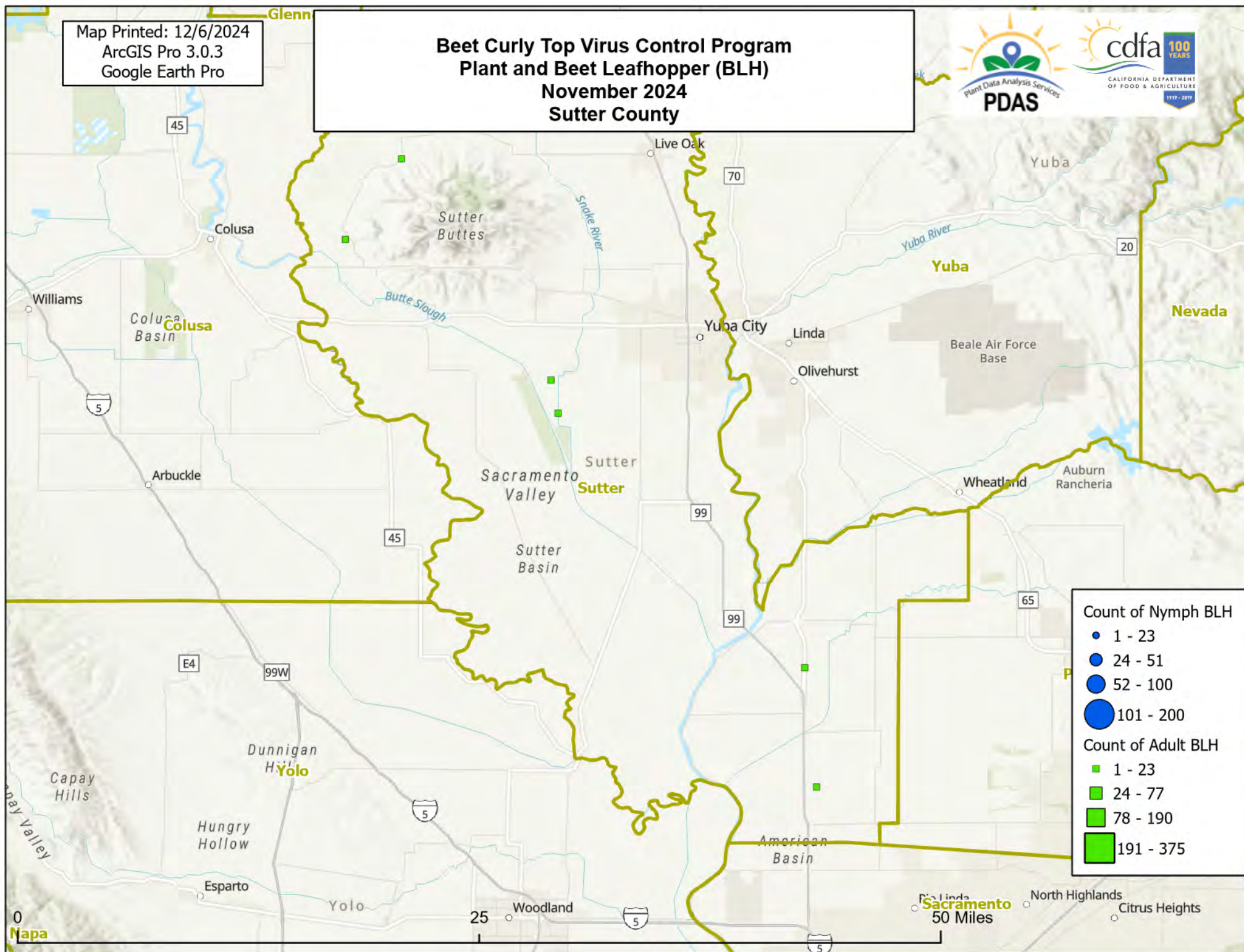
# Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) November 2024 Yolo County





Map Printed: 12/6/2024  
ArcGIS Pro 3.0.3  
Google Earth Pro

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



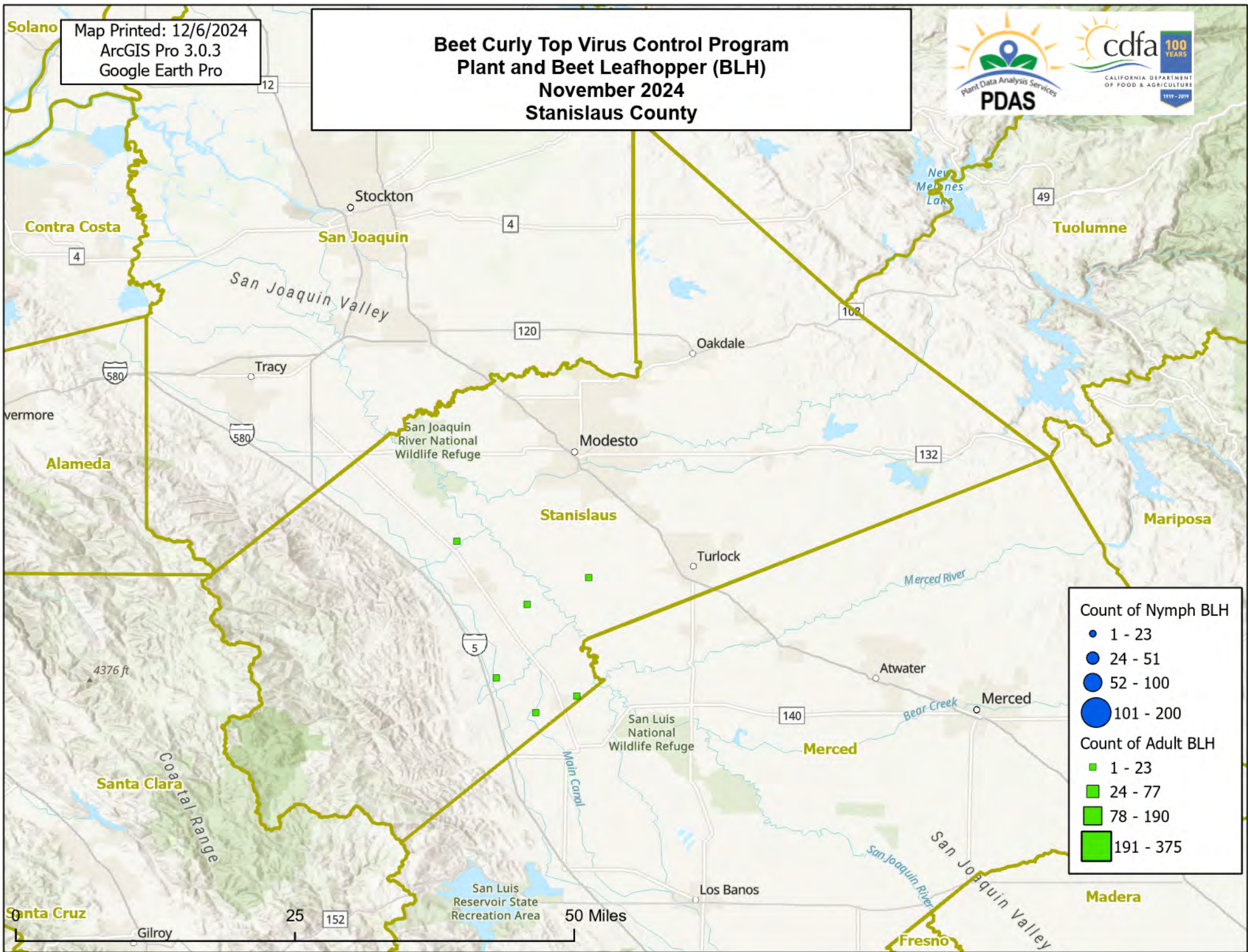
## Count of Nymph BLH

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

## Count of Adult BLH

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

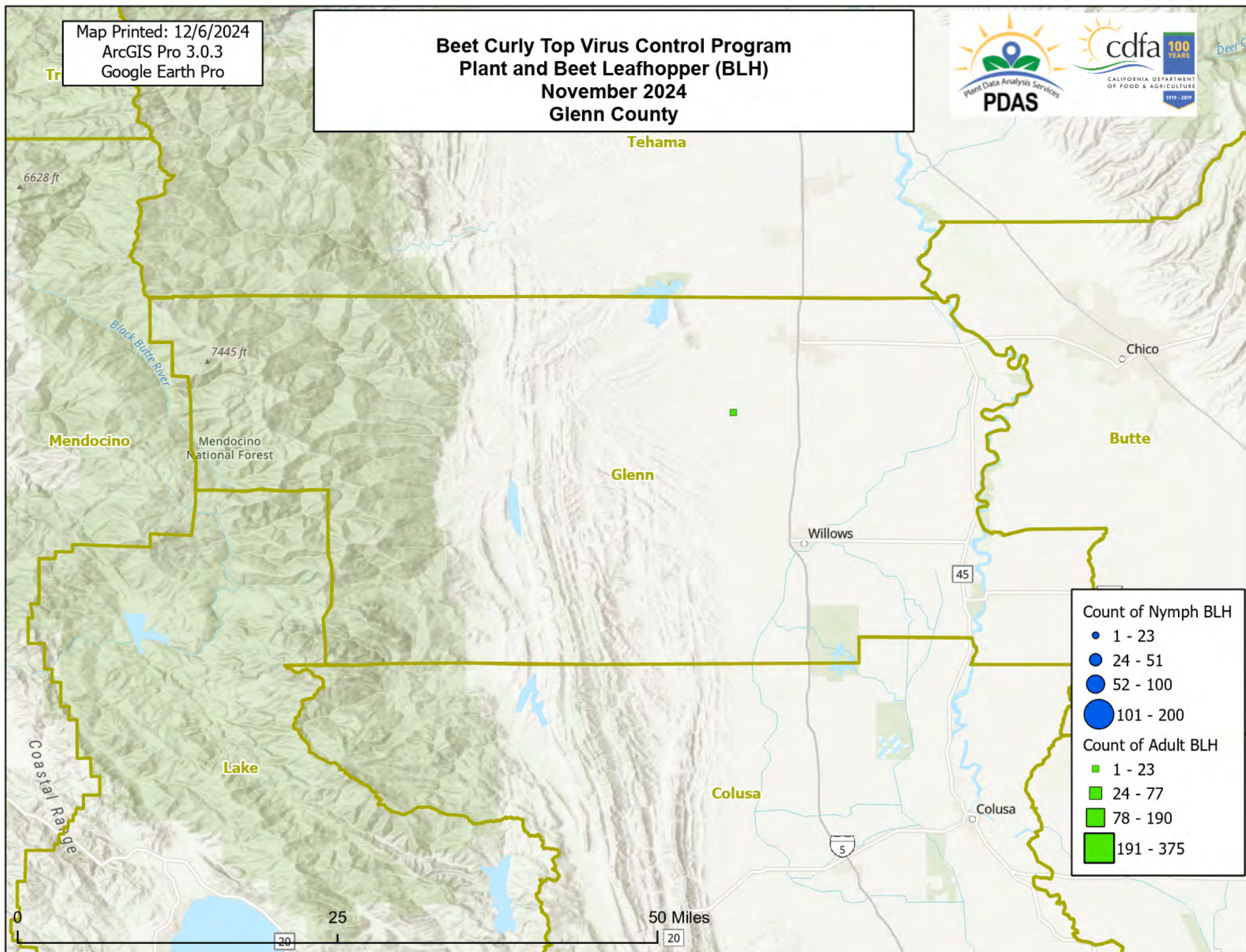






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Google Earth Pro

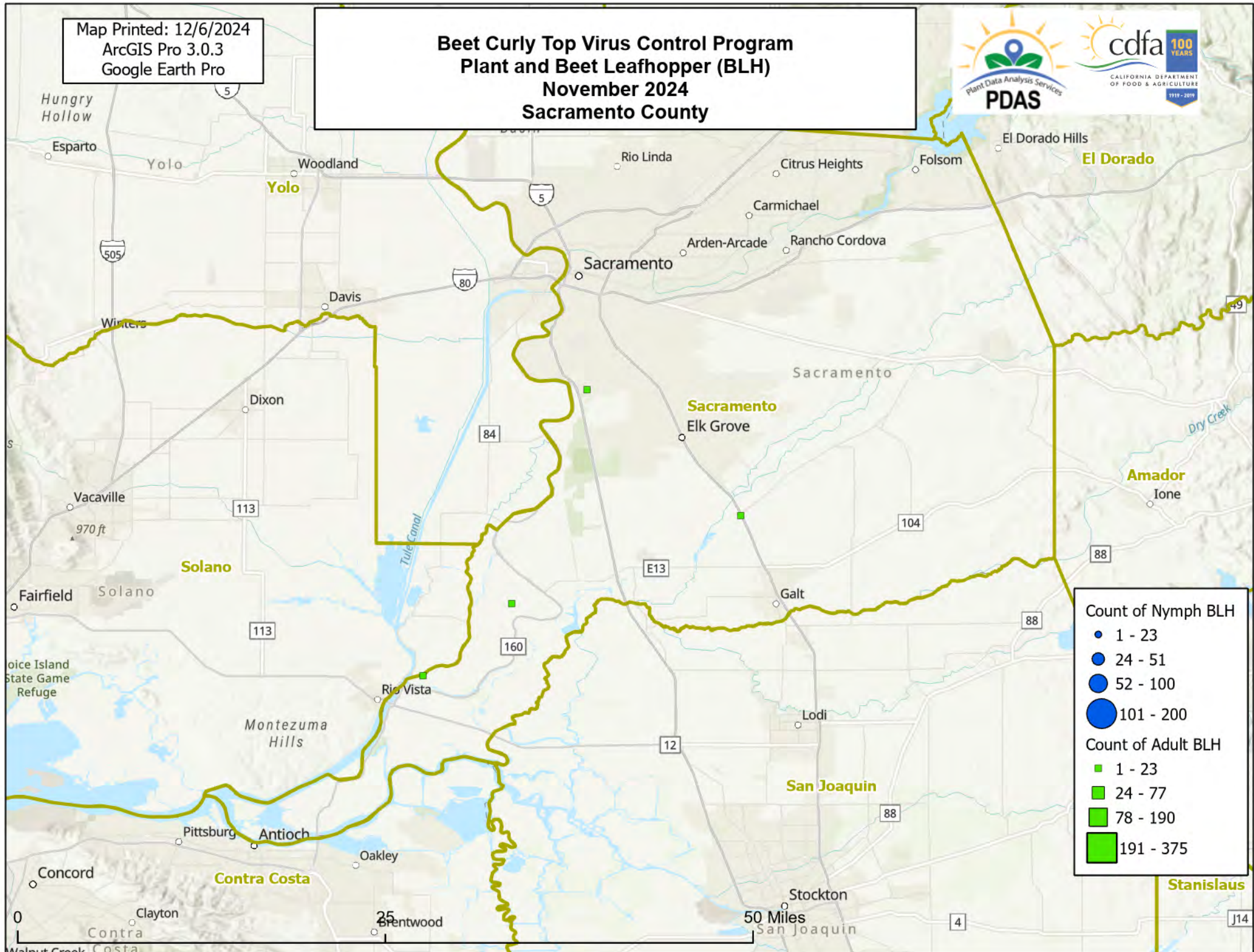
# Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) November 2024 Glenn County





Map Printed: 12/6/2024  
ArcGIS Pro 3.0.3  
Google Earth Pro

# Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) November 2024 Sacramento County



## Count of Nymph BLH

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

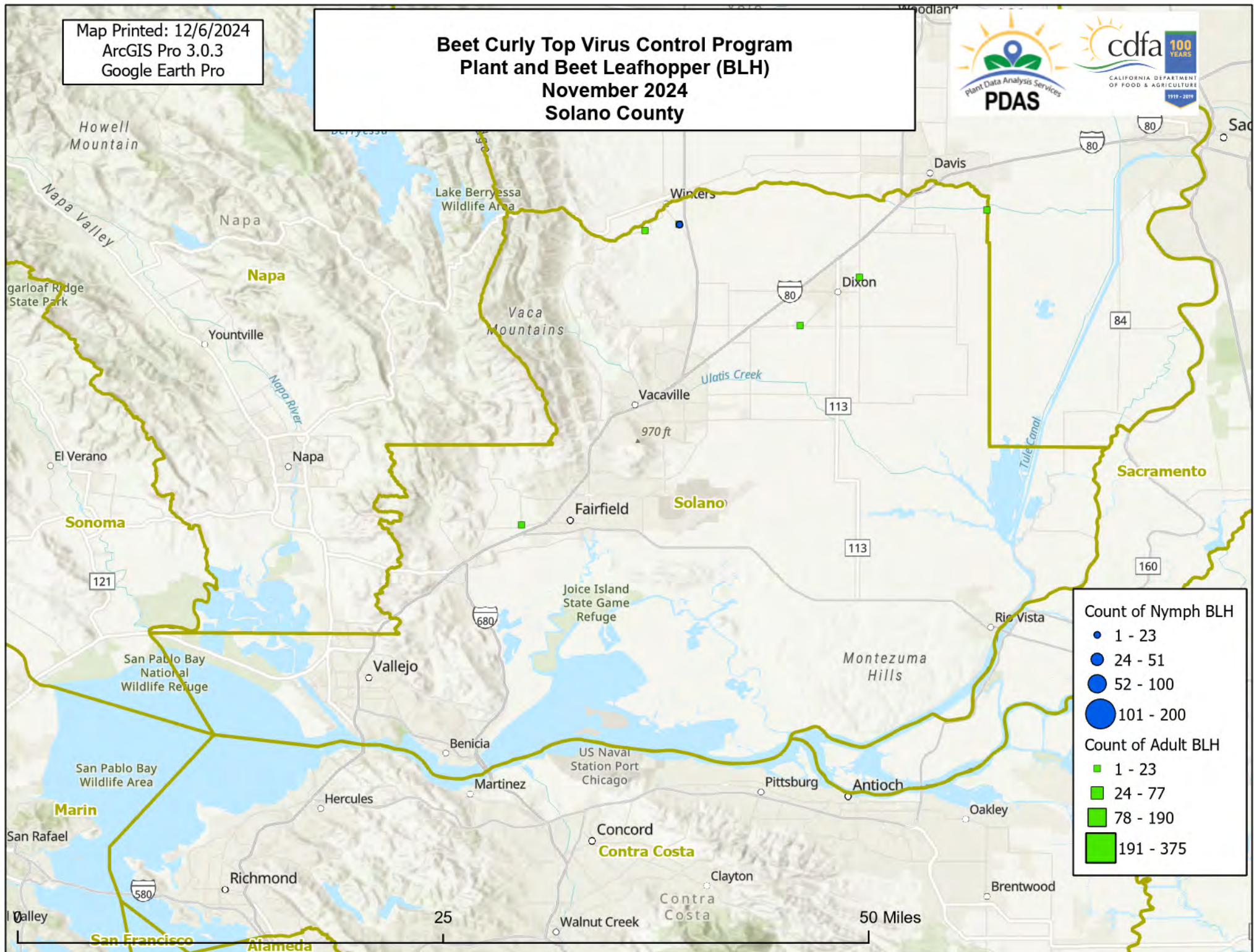
## Count of Adult BLH

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



Map Printed: 12/6/2024  
ArcGIS Pro 3.0.3  
Google Earth Pro

# Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) November 2024 Solano County



## Count of Nymph BLH

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

## Count of Adult BLH

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