

Beet Curly Top Virus Control Program

Monthly Report

California Department of Food and Agriculture
Plant Health and Pest Prevention Services
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April 2026

Program Update

- In April, 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 Butte, Colusa, Fresno, Glenn, Kern, Kings, Madera, Merced, Sacramento, San Joaquin, Solano, Stanislaus, Sutter, Tehama, Tulare, and Yolo counties.
- BLH counts remained low in all survey areas statewide (0-4 BLH per sweep set). There was an increase in BLH populations on the Valley floor in isolated areas due to vegetation die-off and fallow/roadside vegetation removal.
- Program staff will continue to monitor and perform roadside/fallow field surveys in the Sacramento Valley and Central Valley.
- Commonly observed host vegetation is Bassia, Filaree, Goosefoot, Lamb's Quarter, London Rocket, Mallow, Mustard, Pig Weed, Star Thistle, and Russian Thistle.
- Spring Mitigation was performed throughout the month of April in Fresno and Kings County.
- 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 threshold triggers for control.
- 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.

2026 Beet Curly Top Virus 3-Year Average BLH Counts

April County Average BLH Counts				
<u>County</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>
Fresno	0.4	0.5	1.8	0.8
Kings	0.6	1.1	3.0	1.4
Kern	1.0	0.2	0.7	1.5
Madera	-	0.03	-	0.1
Merced	0	0.06	0.8	0.5
Butte	-	0.2	0.09	0
Colusa	0.3	0.2	0.08	0.8
Glenn	-	0.3	0.4	1.1
Sacramento	-	0.03	0.6	0.2
San Joaquin	0.01	0.2	0.2	0.2
Stanislaus	0	0.3	0.08	0.1
Sutter	-	0.1	0.2	0.5
Solano	0	0.01	0.1	0.4
Yolo	0.1	0.04	0.2	2.8
Tulare	-	-	0.1	0.6
Tehama	-	-	-	1.0

April 2026- BCTV Sample Results by County															
	Fresno	Kings	Kern	Merced	Madera	Glenn	Yolo	Colusa	Sutter	Butte	Solano	Sacramento	Stanislaus	San Joaquin	Tehama
Positive BLH	14	2	17	3	3	-	-	-	-	-	-	-	2	-	-
Negative BLH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Positive Host Plant	11	-	4	-	1	-	-	-	-	-	-	-	1	-	-
Negative Host Plant	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-

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 plant vegetation surveyed included Bassia, Pig Weed, Mallow, Mustards, Russian Thistle, London Rocket, Lamb's Quarter, Kochia, and Goosefoot.
- 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 sweep set</u>
Fallow	4/1-4/30	0.6
Fresno Zone 02	4/1-4/30	0.7
Fresno Zone 04	4/1-4/30	0.3
Fresno Zone 05	4/1-4/30	0.2
Fresno Zone 07	4/1-4/30	0.4
Fresno Zone 09	4/1-4/30	2.5
Field 10	4/1-4/30	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 0-2 BLH per sweep set.
- Host plant vegetation surveyed included Filaree, Mallow, Mustards, Lamb's Quarter, Russian Thistle, Bassia, Goosefoot, Pig Weed, and London Rocket.
- 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>
Fallow	4/1-4/30	2.6
Kern Zone 01	4/1-4/30	0.4
Kern Zone 04	4/1-4/30	0.8
Kern Zone 05	4/1-4/30	0.1
Kern Zone 07	4/1-4/30	1.1
Kern Zone 09	4/1-4/30	2.7
Kern Zone 10	4/1-4/30	1.8
Kern Zone 11	4/1-4/30	1.9
Kern Zone 12	4/1-4/30	0.8

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 survey areas, averaging 0-2 BLH per sweep set.
- Host plant vegetation surveyed included Mustards, Bassia, Lamb's Quarter, Russian Thistle, Mallow, Salt Bush and Goosefoot.
- A map identifying the location of the 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 sweep set</u>
Fallow	4/1-4/30	0.3
Kings Zone 01	4/1-4/30	0.9
Kings Zone 02	4/1-4/30	3.4
Kings Zone 03	4/1-4/30	0.9
Kings Zone 04	4/1-4/30	3.4

Madera County

- BLH population surveys were conducted 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 Mustards, Shepherd's Purse, London Rocket, Kochia, Lamb's Quarter, Russian Thistle, Mallow, and Filaree.
- A map identifying the location of the 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 sweep set</u>
Madera Zone 01	4/1-4/30	0.1

Merced County

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

Merced County BLH Survey		
<u>Location</u>	<u>Date</u>	<u>Average # of BLH per sweep set</u>
Merced Zone 01	4/1-4/30	0.5

Colusa County

- BLH population surveys were conducted 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 Mustards, Mallow, and Filaree.
- A map identifying the location of the 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>
Colusa Zone 01	4/1-4/30	0.8

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 0-3 BLH per sweep set.
- Host vegetation surveyed included Mallow and Filaree.
- A map identifying the location of 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>
Yolo Zone 01	4/1-4/30	2.8

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, Filaree, Bindweed, and Mustards.
- A map identifying the location of 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>
Sutter Zone 01	4/1-4/30	0.5

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 Filaree and Bindweed.
- A map identifying the location of 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>
Glenn Zone 01	4/1-4/30	1.1

Butte County

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

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, Filaree, Purslane, and Mustards.
- A map identifying the location of 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>
Solano Zone 01	4/1-4/30	0.4

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 Mallow, Filaree, Bassia, Kochia, Russian Thistle, Goosefoot, and Mustards.
- A map identifying the location of 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>
Stanislaus Zone 01	4/1-4/30	0.1

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, Filaree, Plantago, and Mustards.
- A map identifying the location of 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>
Sacramento Zone 01	4/1-4/30	0.2

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 Filaree, Mustards, and Mallow.

- A map identifying the location of 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>
San Joaquin Zone 01	4/1-4/30	0.2

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 Filaree and Mallow.
- A map identifying the location of 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 sweep set</u>
Tehama Zone 01	4/1-4/30	1.0

Tulare County

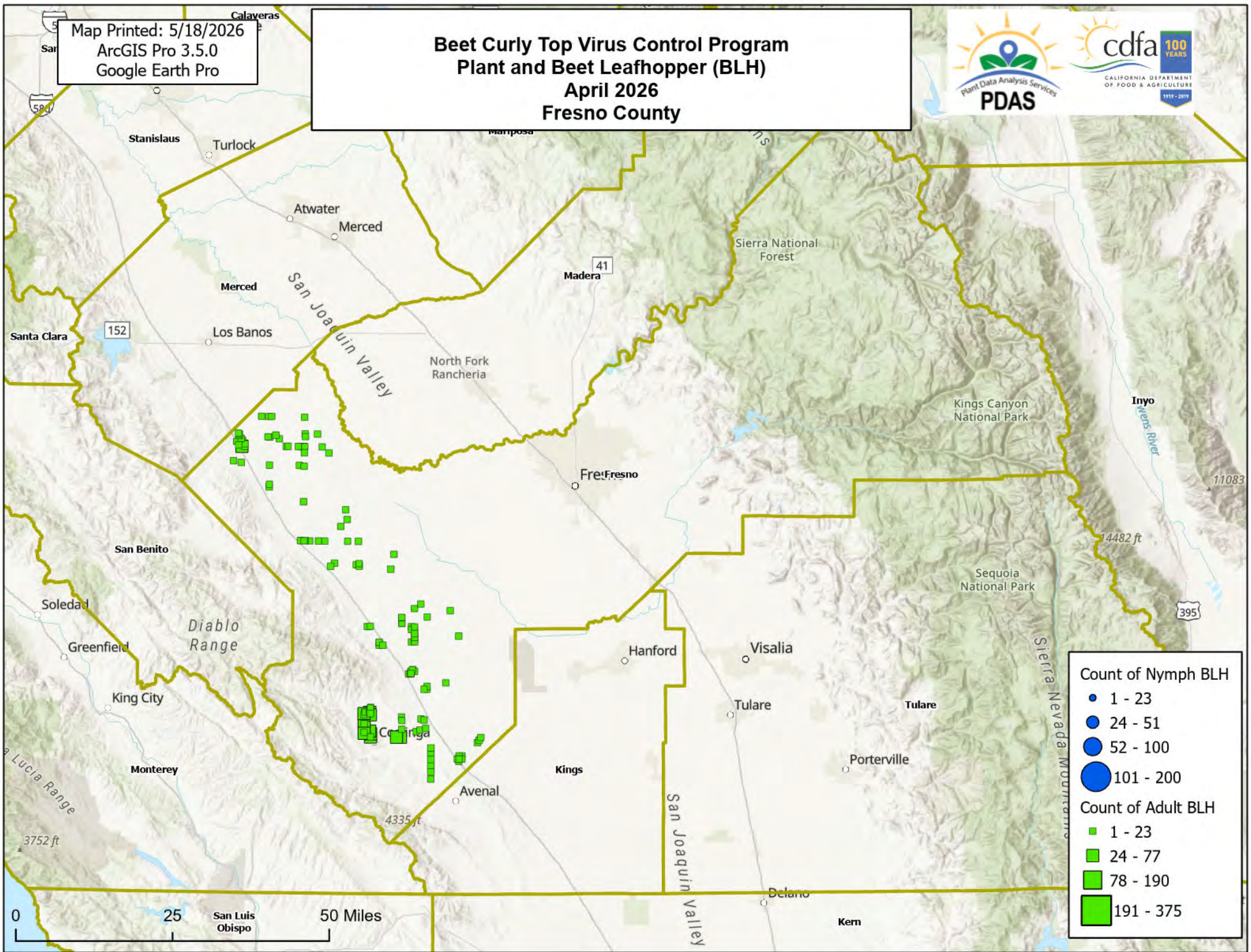
- BLH population surveys were conducted in fallow fields and roadsides within five miles of the foothills.
- Overall counts remained very low throughout the survey areas, averaging 0-1 BLH per sweep set.
- Host vegetation surveyed included Bassia.
- A map identifying the location of BLH counts is provided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

Tulare County BLH Survey		
<u>Location</u>	<u>Date</u>	<u>Average # of BLH per sweep set</u>
Tulare Zone 01	4/1-4/30	0.6

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www.cdfa.ca.gov/subscriptions/

Map Printed: 5/18/2026
ArcGIS Pro 3.5.0
Google Earth Pro

Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) April 2026 Fresno County



Count of Nymph BLH

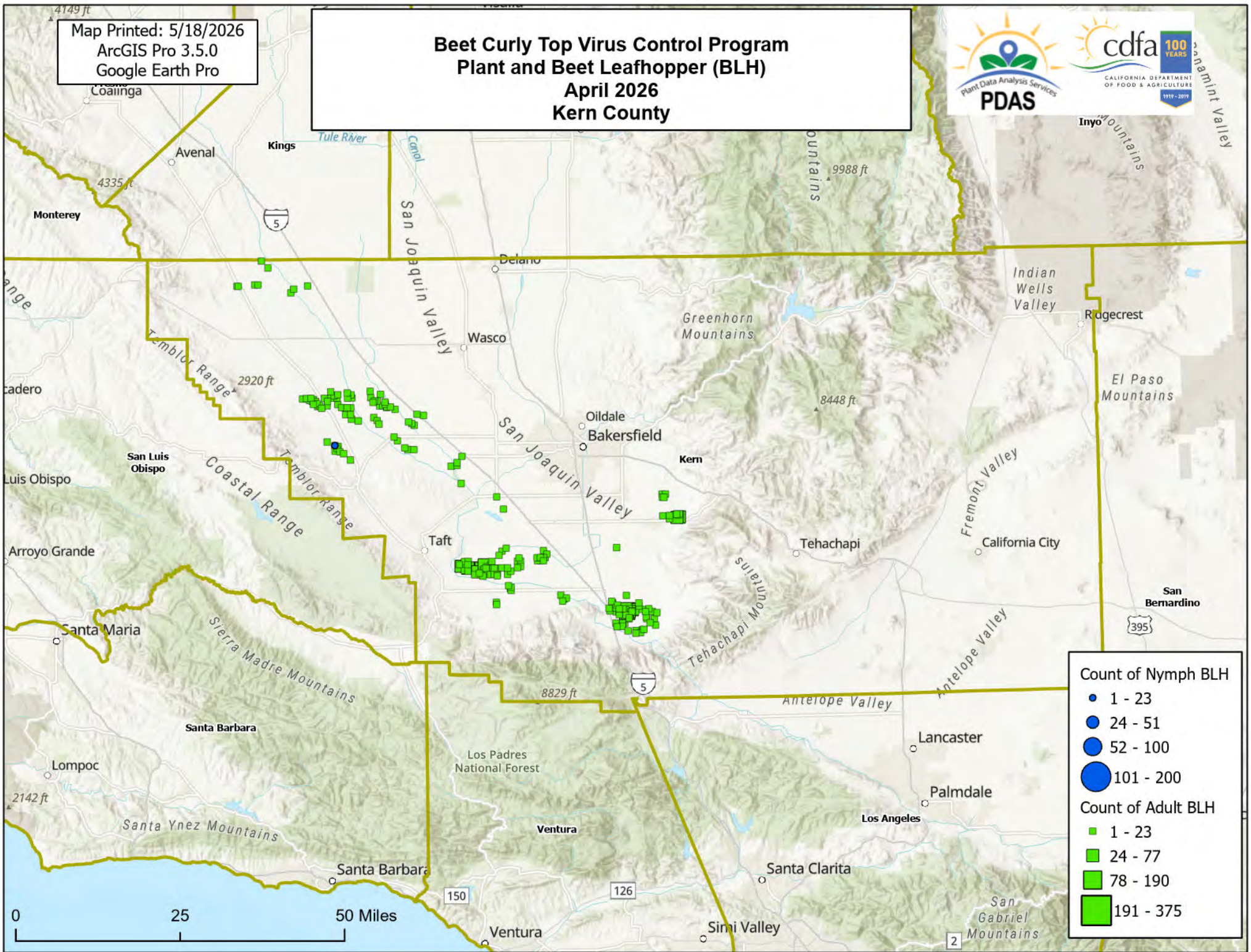
- 1 - 23
- 24 - 51
- 52 - 100
- 101 - 200

Count of Adult BLH

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

Map Printed: 5/18/2026
ArcGIS Pro 3.5.0
Google Earth Pro

Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) April 2026 Kern County



Count of Nymph BLH

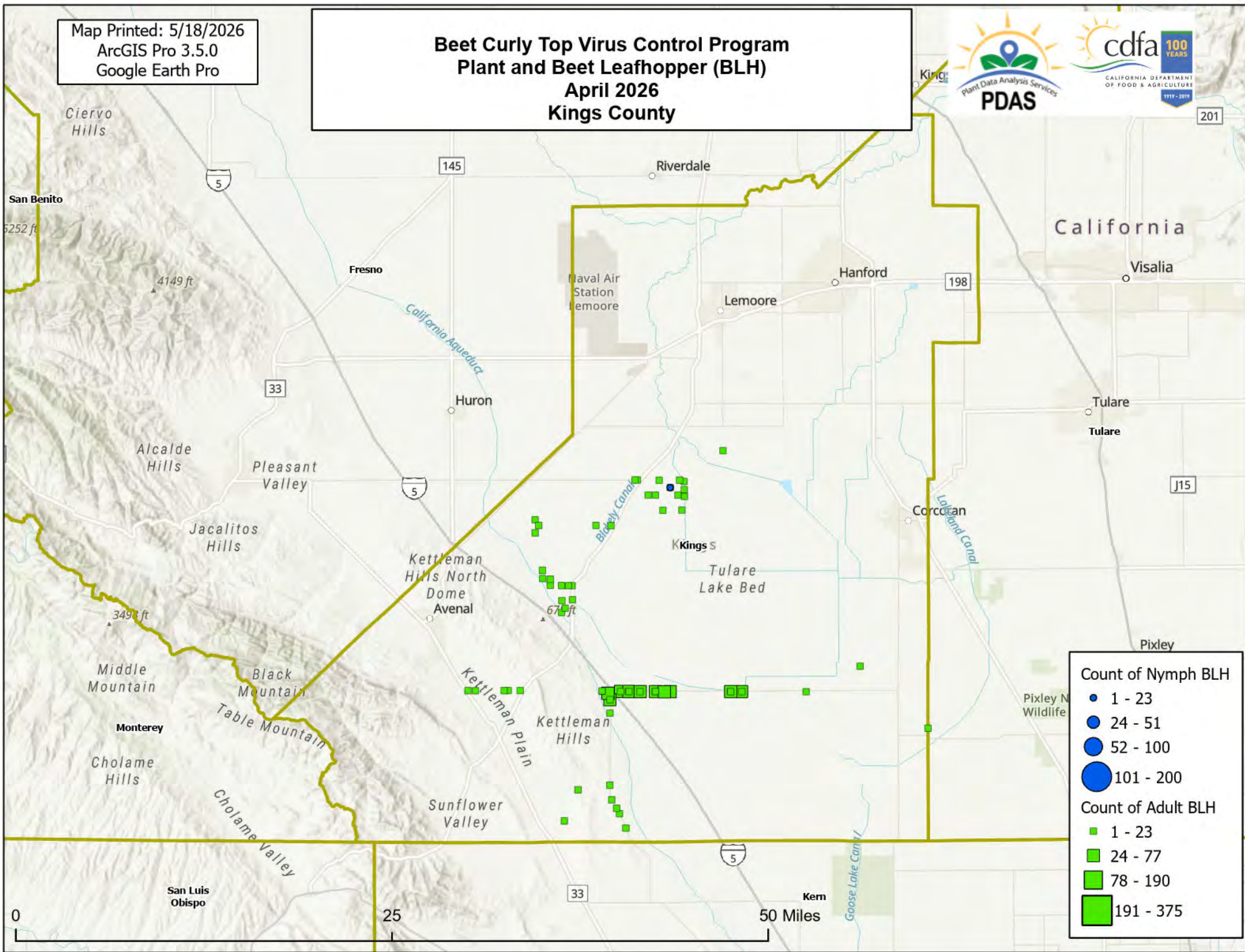
- 1 - 23
- 24 - 51
- 52 - 100
- 101 - 200

Count of Adult BLH

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

Map Printed: 5/18/2026
ArcGIS Pro 3.5.0
Google Earth Pro

Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) April 2026 Kings County



Count of Nymph BLH

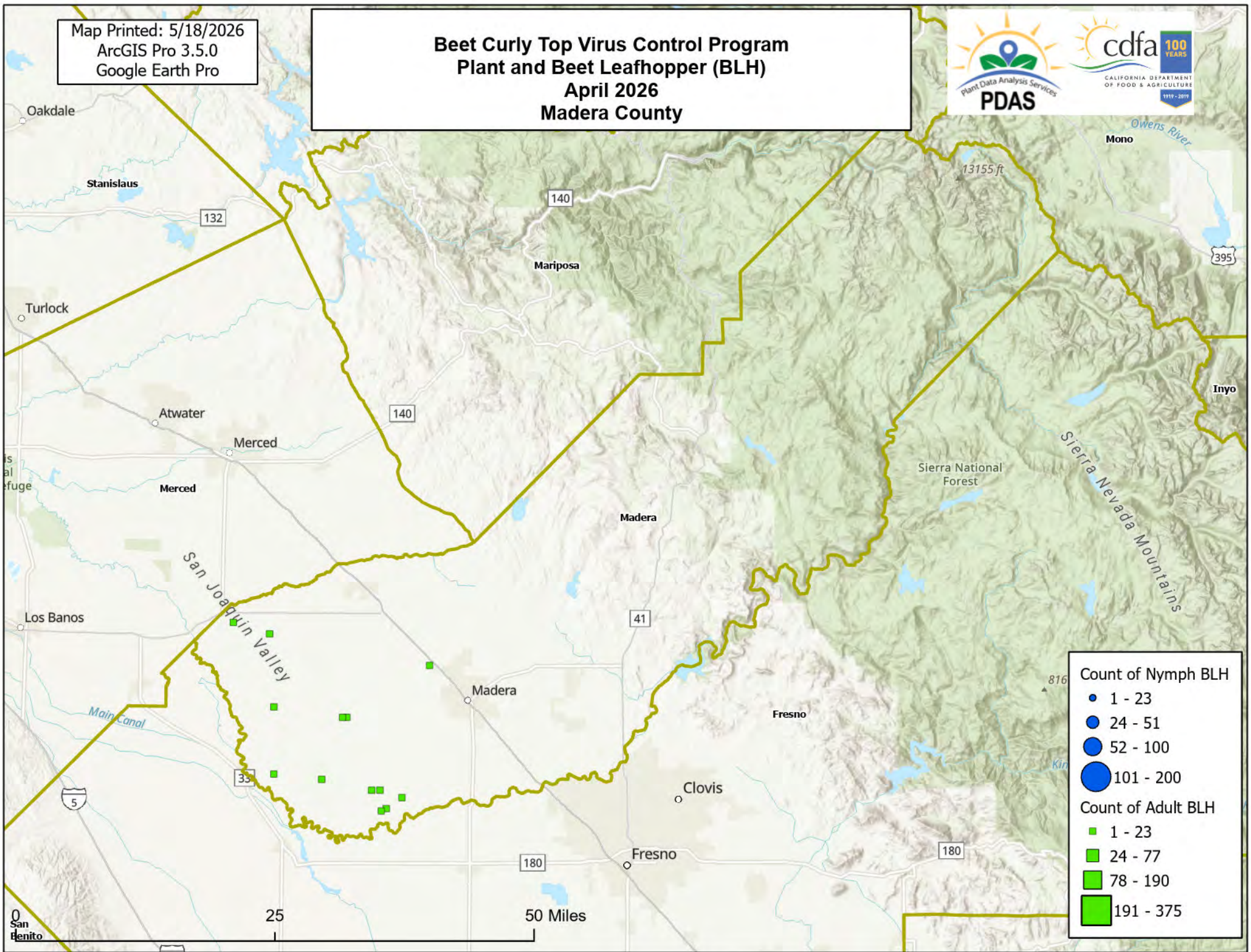
- 1 - 23
- 24 - 51
- 52 - 100
- 101 - 200

Count of Adult BLH

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

Map Printed: 5/18/2026
ArcGIS Pro 3.5.0
Google Earth Pro

Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) April 2026 Madera County



Count of Nymph BLH

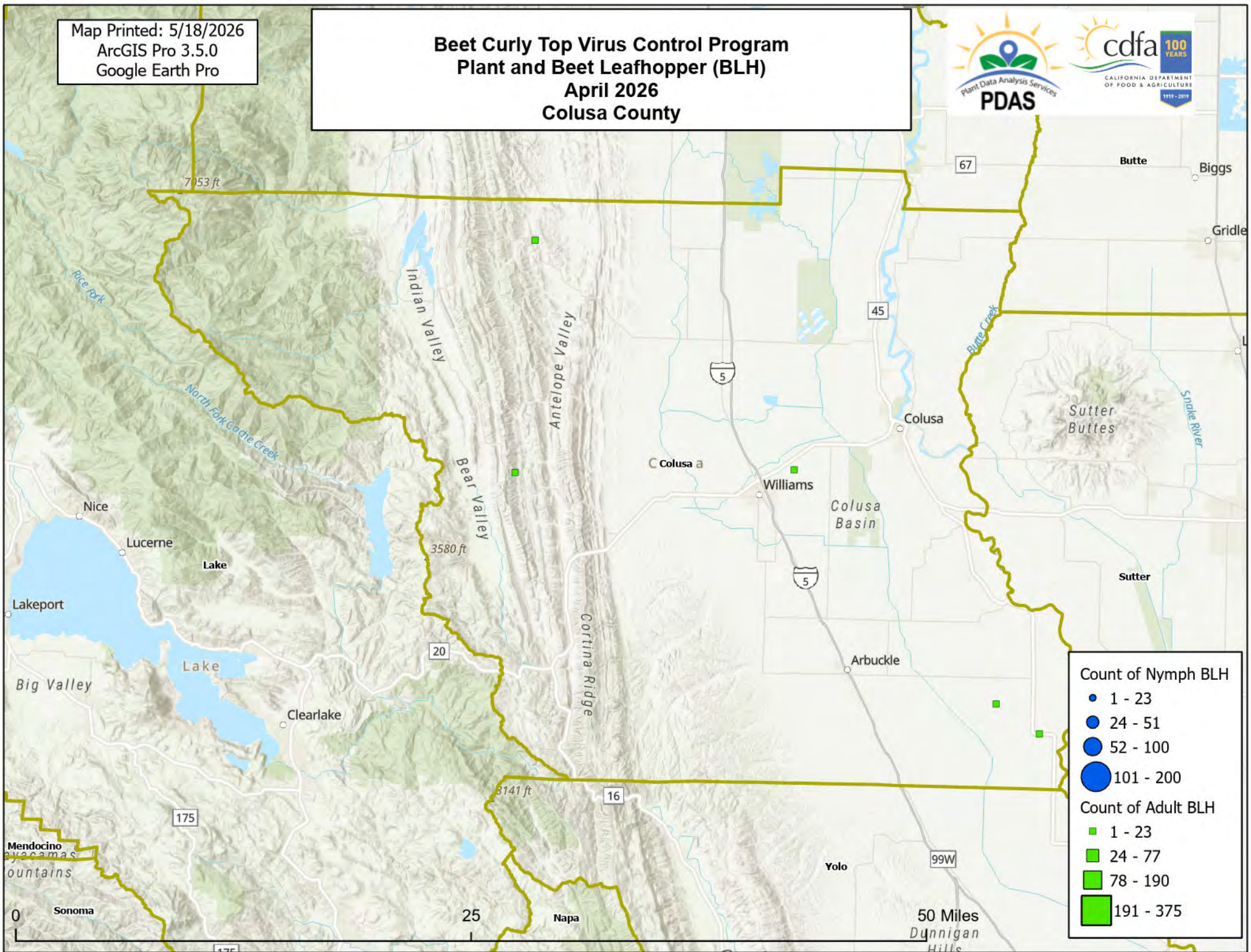
- 1 - 23
- 24 - 51
- 52 - 100
- 101 - 200

Count of Adult BLH

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

Map Printed: 5/18/2026
ArcGIS Pro 3.5.0
Google Earth Pro

Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) April 2026 Colusa County



Count of Nymph BLH

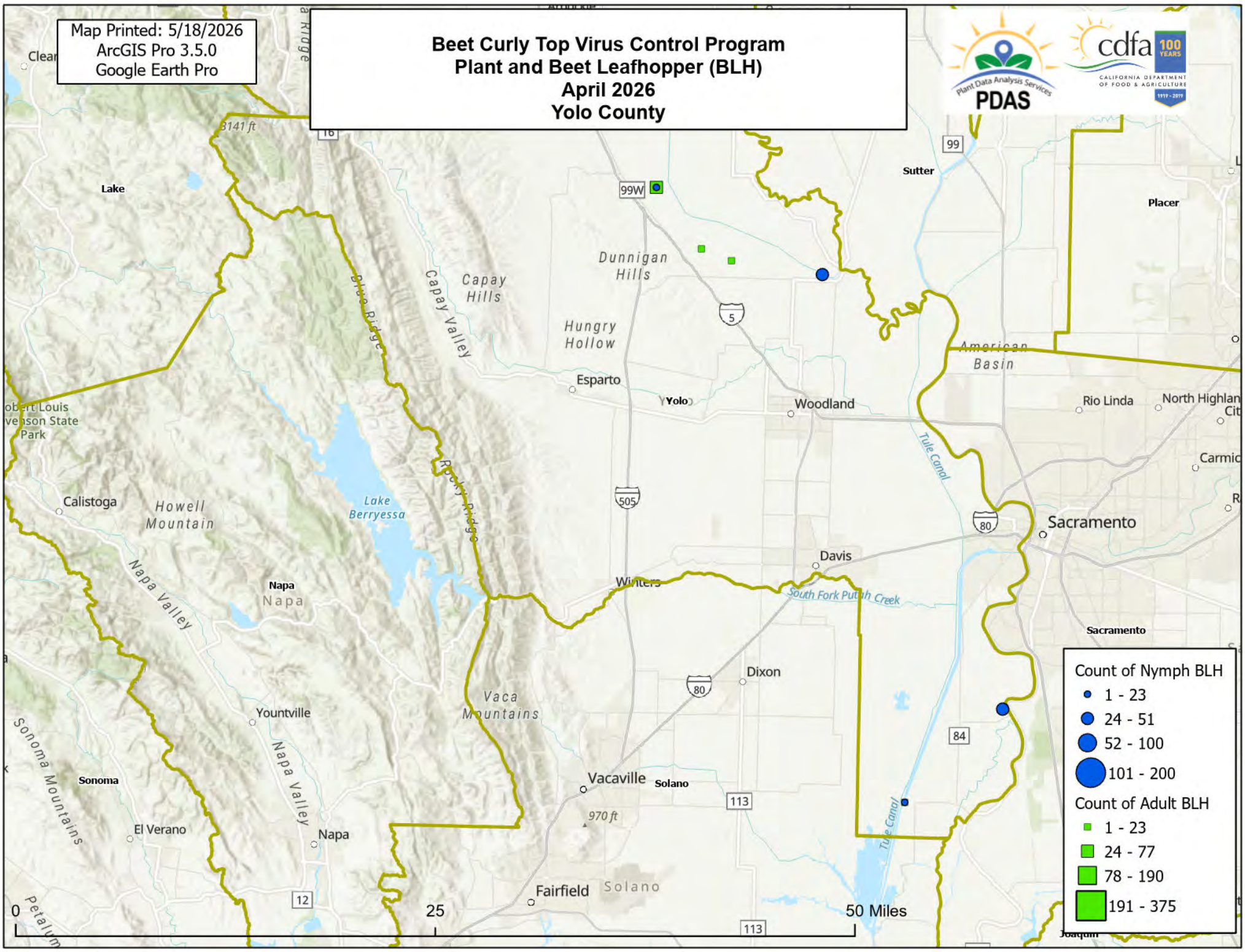
- 1 - 23
- 24 - 51
- 52 - 100
- 101 - 200

Count of Adult BLH

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

Map Printed: 5/18/2026
ArcGIS Pro 3.5.0
Google Earth Pro

Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) April 2026 Yolo County



Count of Nymph BLH

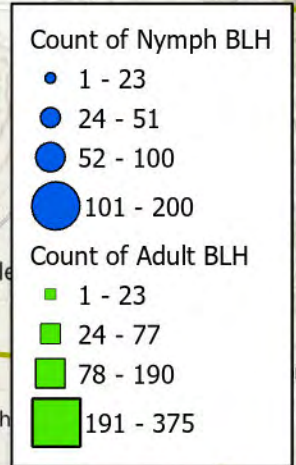
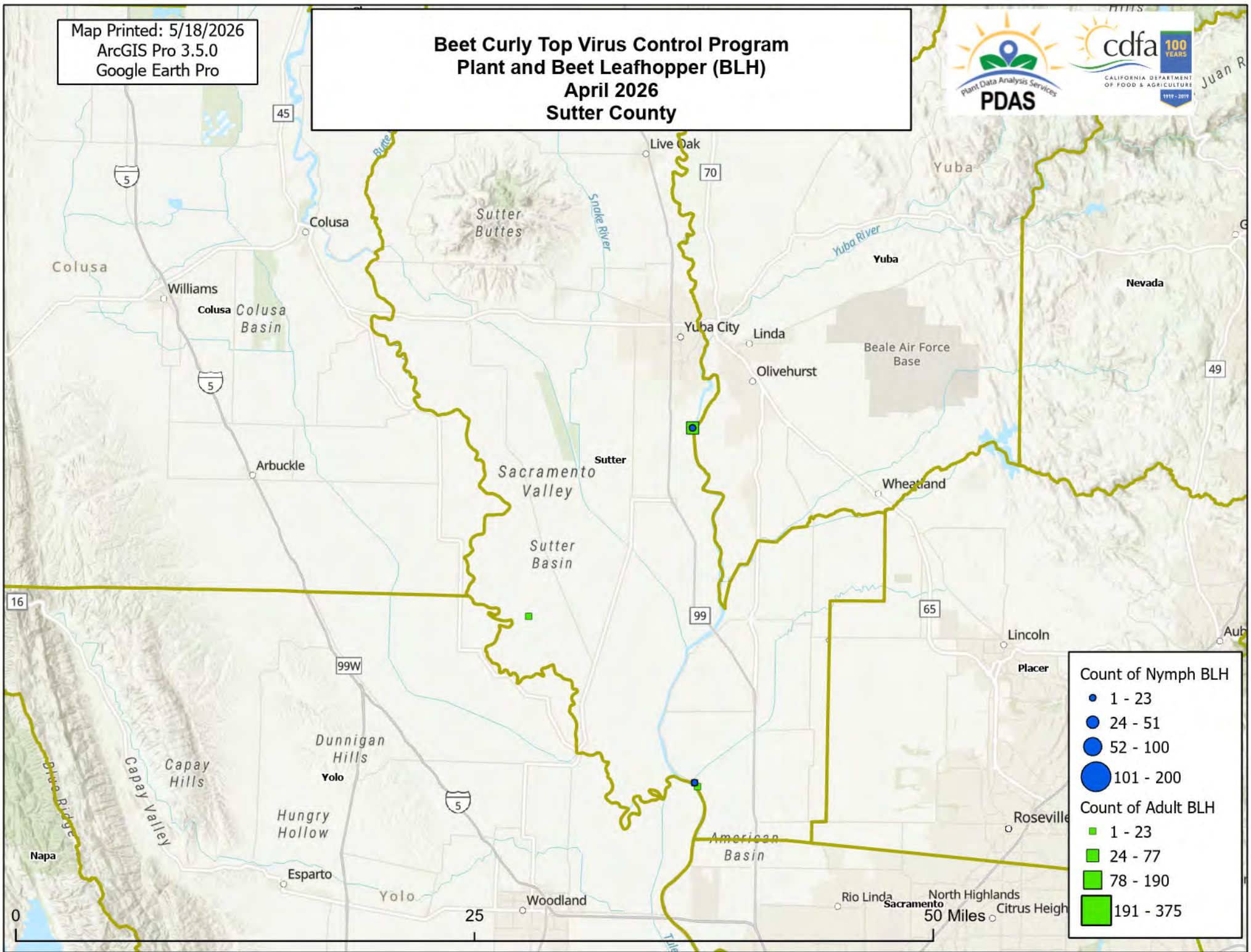
- 1 - 23
- 24 - 51
- 52 - 100
- 101 - 200

Count of Adult BLH

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

Map Printed: 5/18/2026
ArcGIS Pro 3.5.0
Google Earth Pro

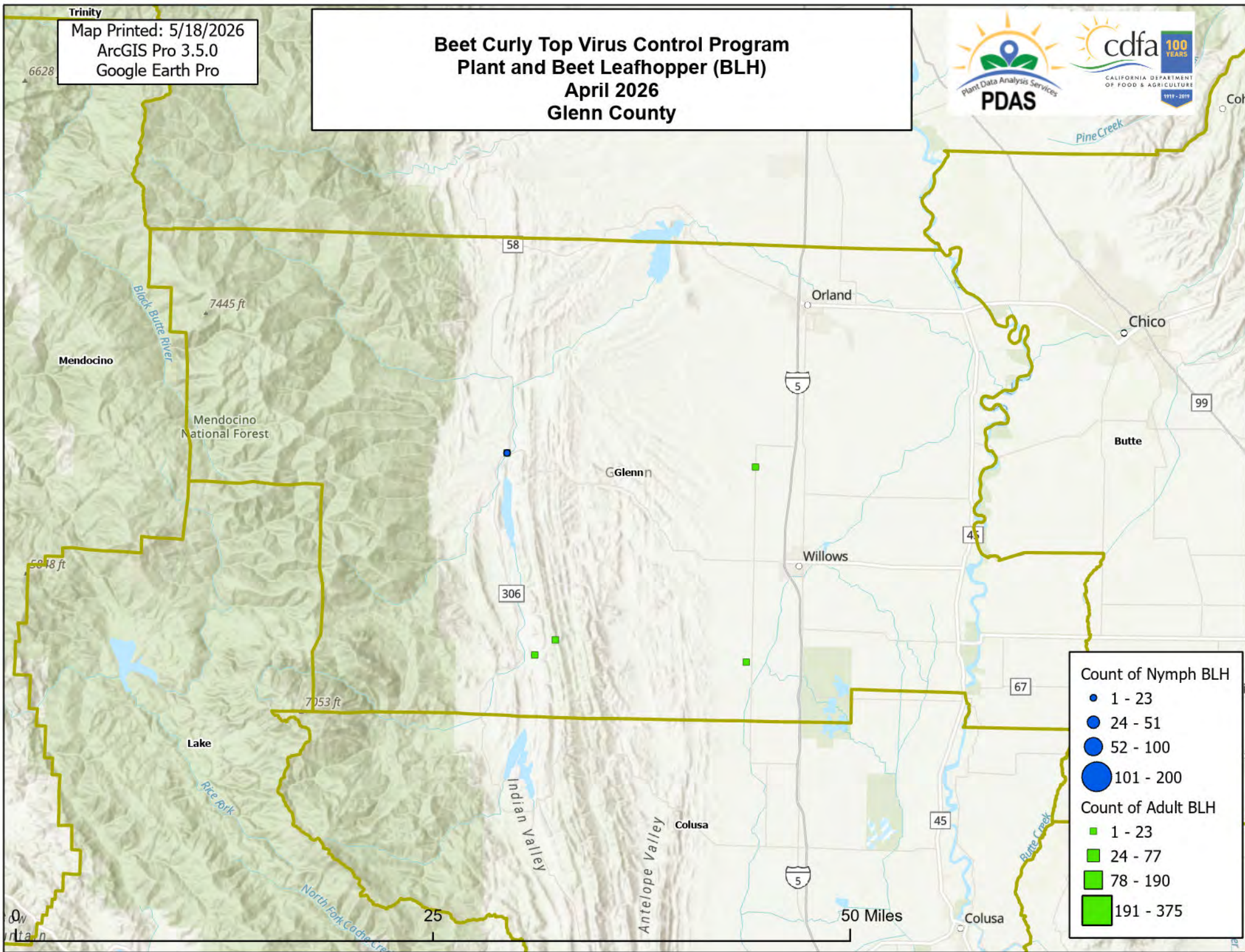
Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) April 2026 Sutter County



Trinity

Map Printed: 5/18/2026
ArcGIS Pro 3.5.0
Google Earth Pro

Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) April 2026 Glenn County



Count of Nymph BLH

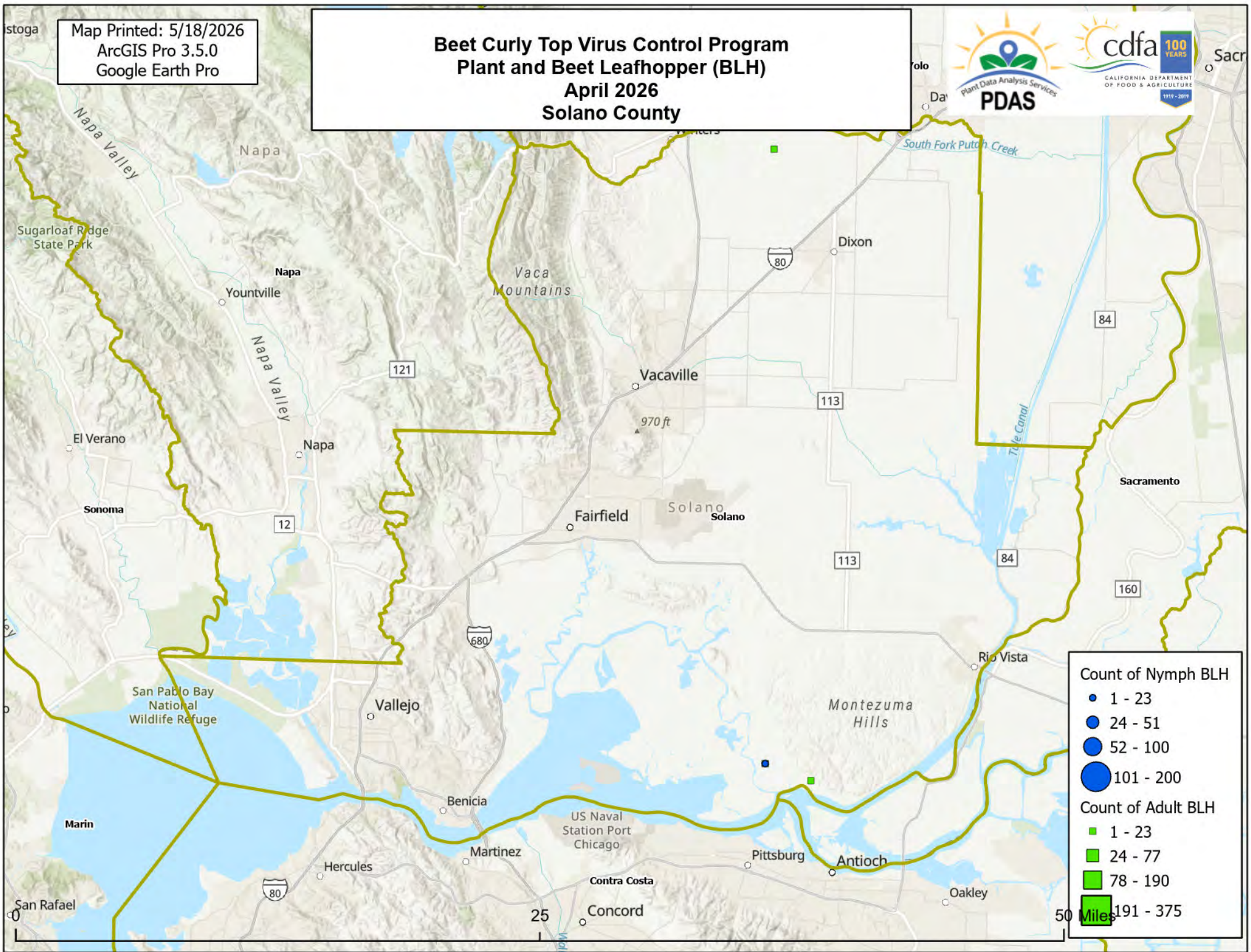
- 1 - 23
- 24 - 51
- 52 - 100
- 101 - 200

Count of Adult BLH

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

Map Printed: 5/18/2026
ArcGIS Pro 3.5.0
Google Earth Pro

Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) April 2026 Solano County



Count of Nymph BLH

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

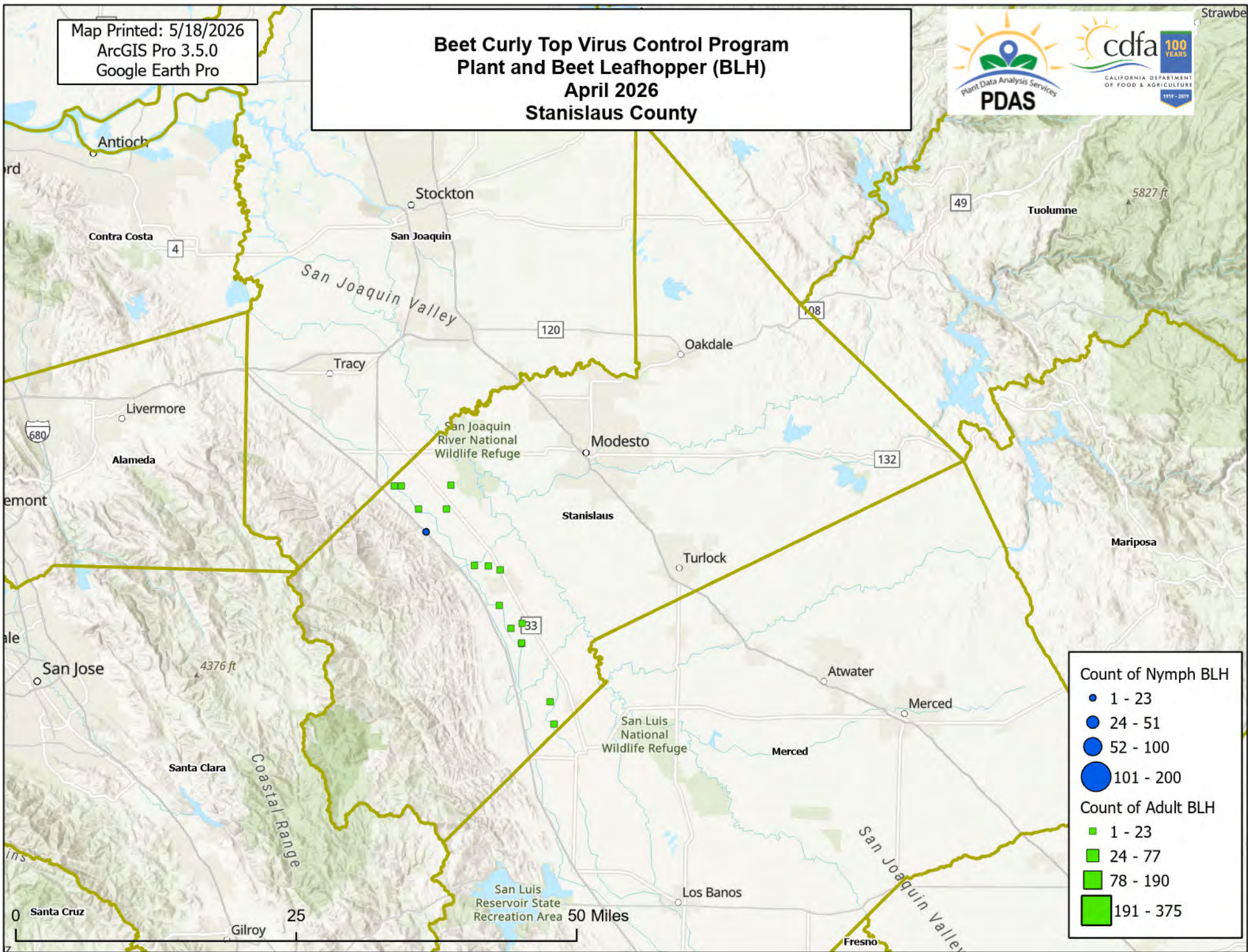
Count of Adult BLH

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

50 Miles

Map Printed: 5/18/2026
ArcGIS Pro 3.5.0
Google Earth Pro

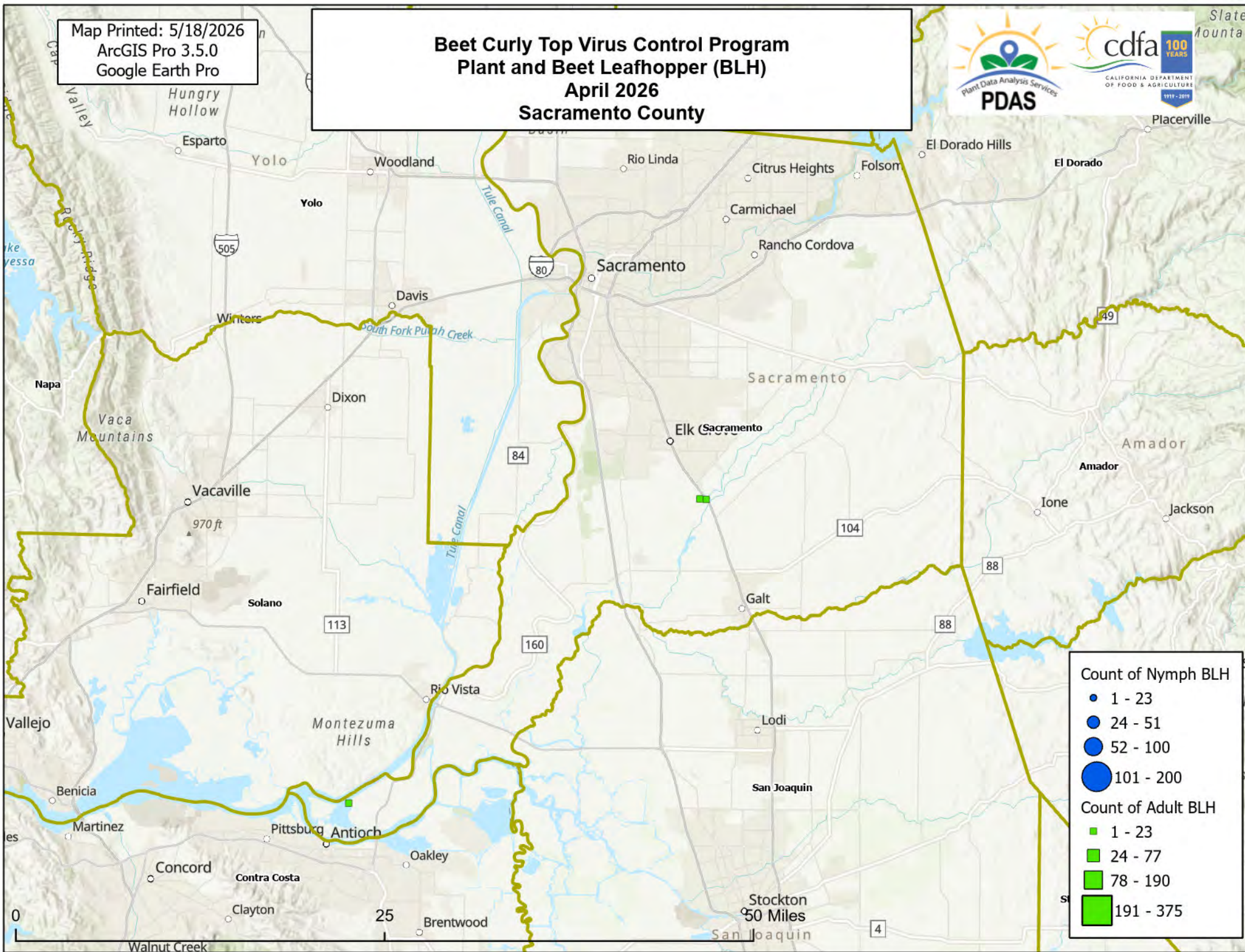
Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) April 2026 Stanislaus County



0 25 50 Miles

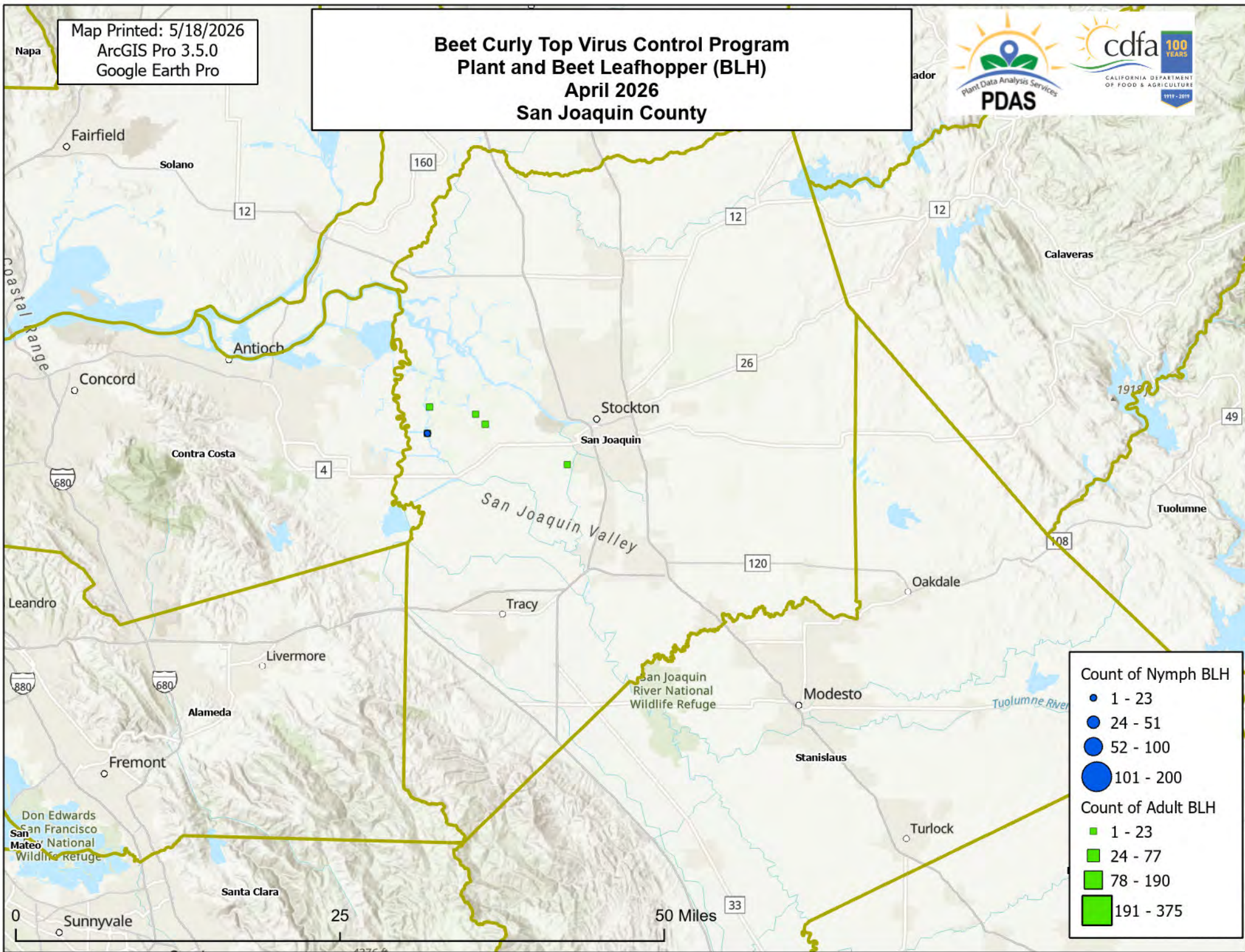
Map Printed: 5/18/2026
ArcGIS Pro 3.5.0
Google Earth Pro

Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) April 2026 Sacramento County



Map Printed: 5/18/2026
ArcGIS Pro 3.5.0
Google Earth Pro

Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) April 2026 San Joaquin County



Count of Nymph BLH

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

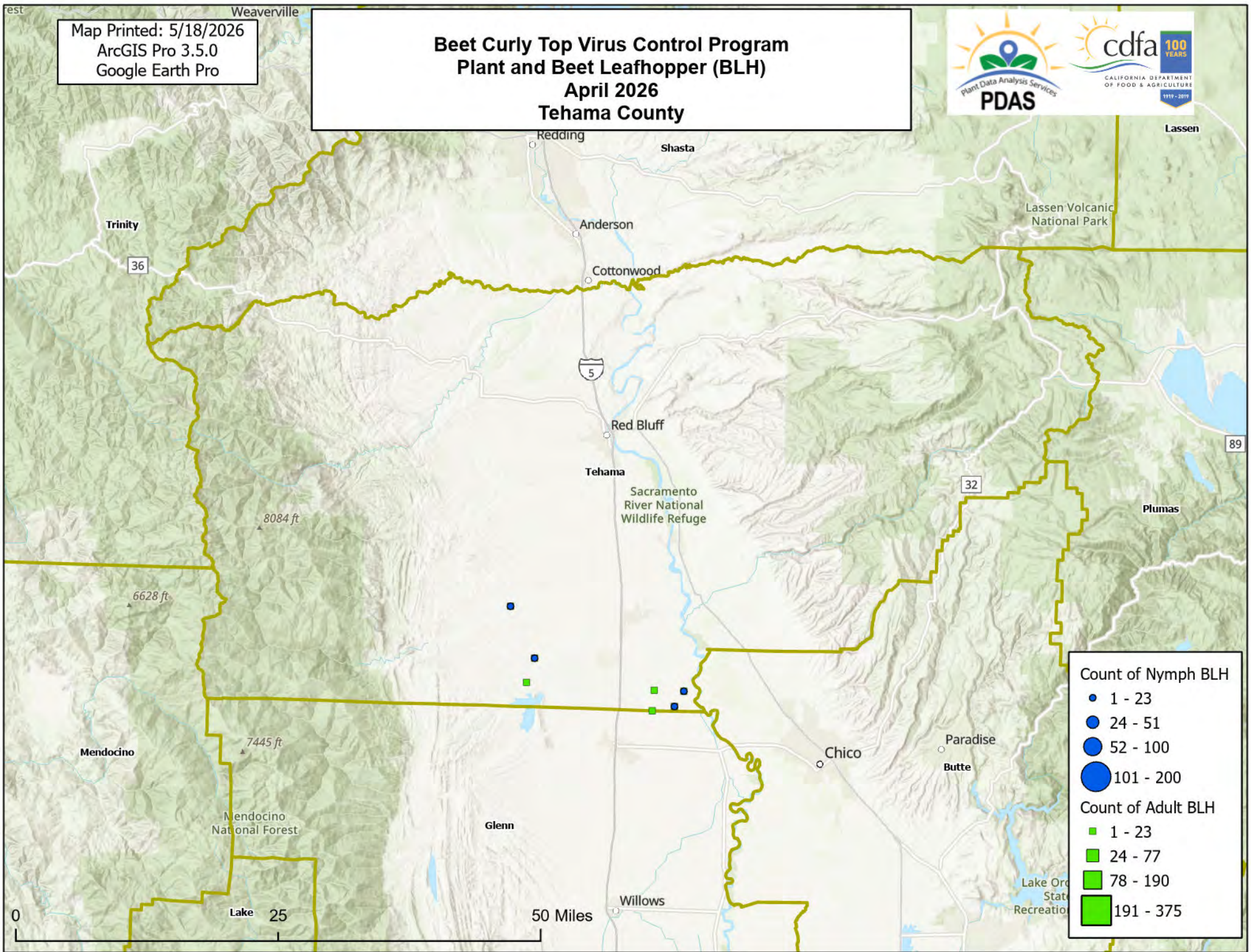
Count of Adult BLH

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

0 25 50 Miles

Map Printed: 5/18/2026
ArcGIS Pro 3.5.0
Google Earth Pro

Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) April 2026 Tehama County



Count of Nymph BLH

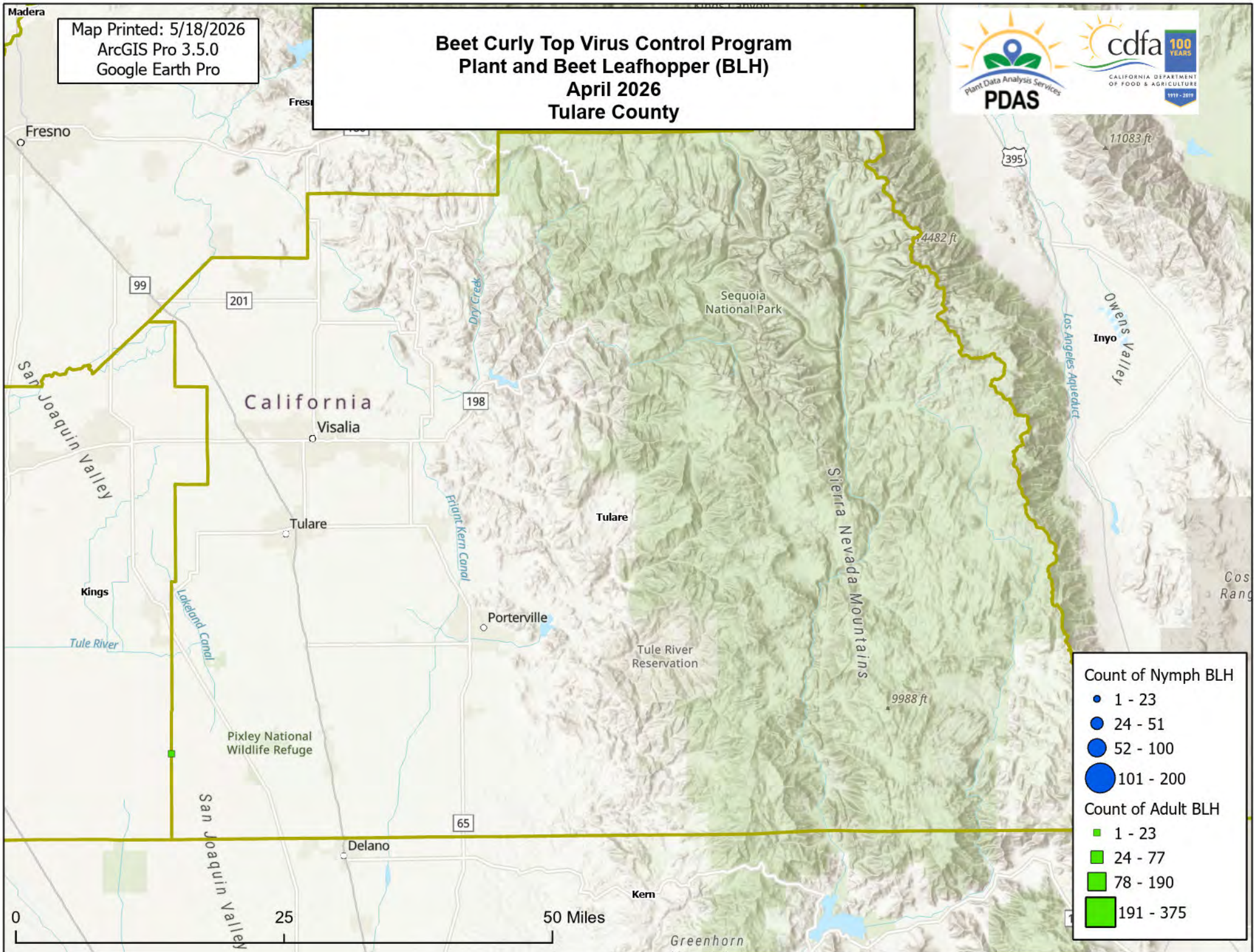
- 1 - 23
- 24 - 51
- 52 - 100
- 101 - 200

Count of Adult BLH

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

Map Printed: 5/18/2026
ArcGIS Pro 3.5.0
Google Earth Pro

Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) April 2026 Tulare County



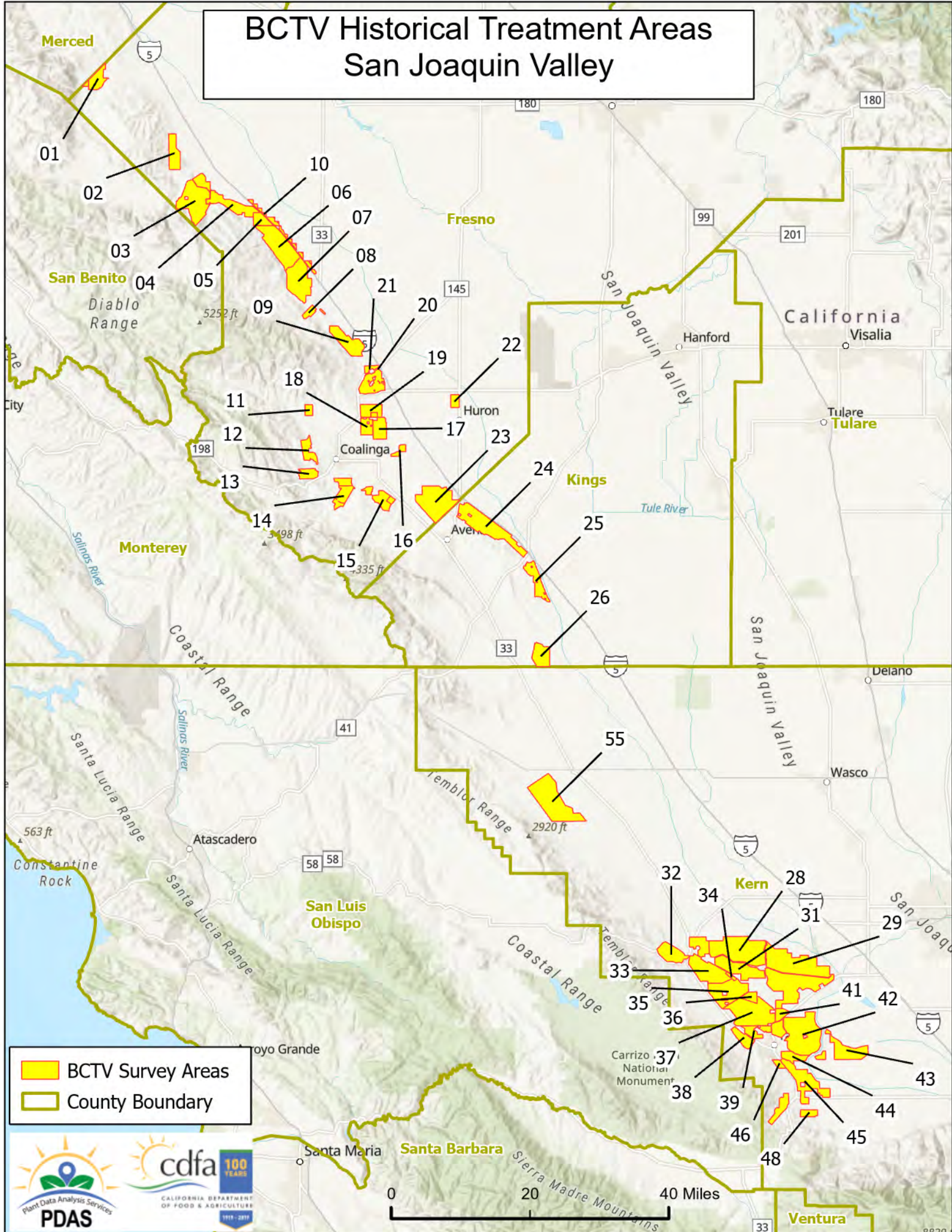
Count of Nymph BLH

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

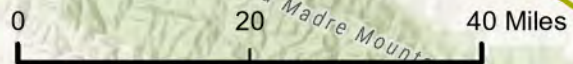
Count of Adult BLH

- 1 - 23
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- 78 - 190
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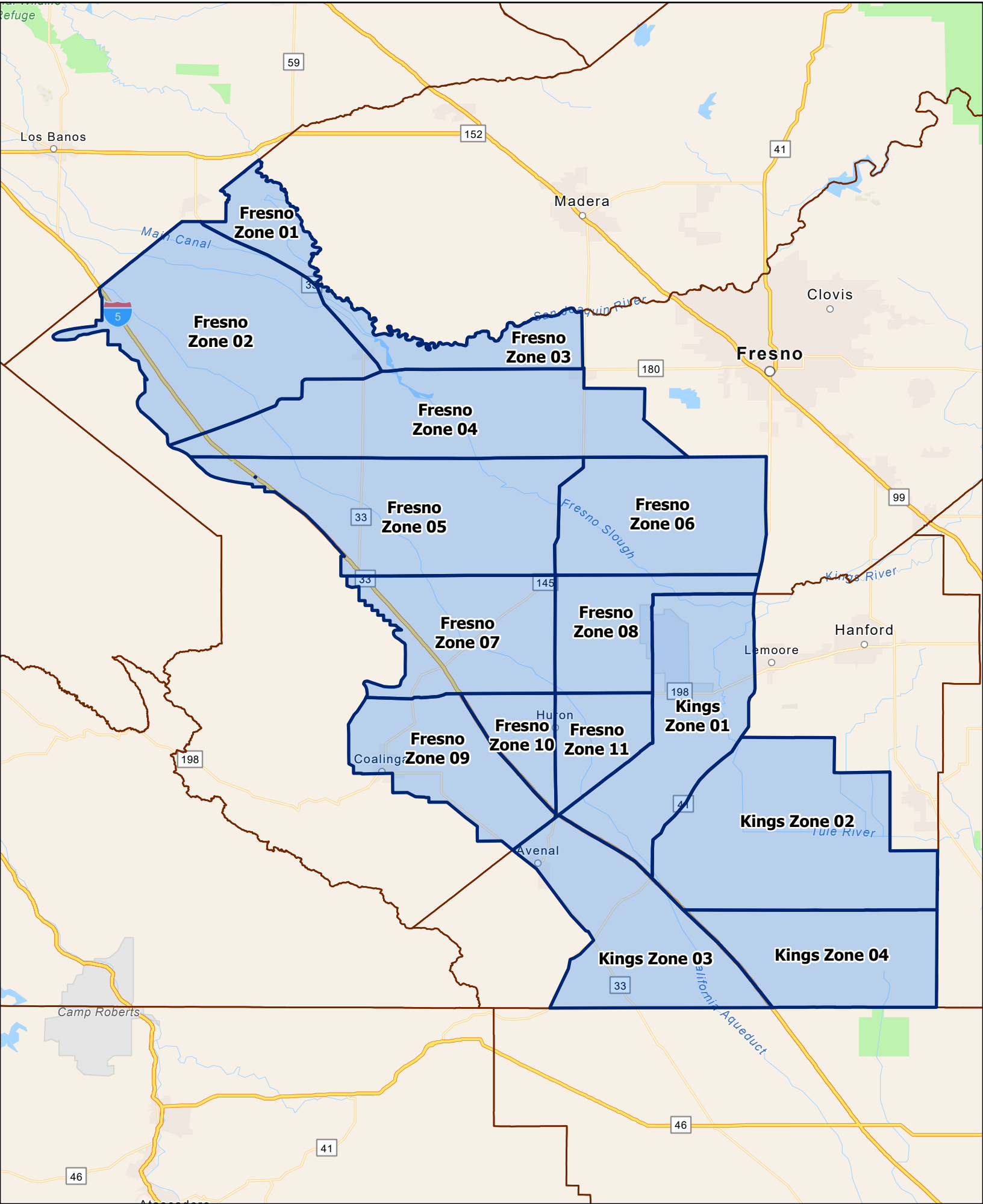
BCTV Historical Treatment Areas San Joaquin Valley



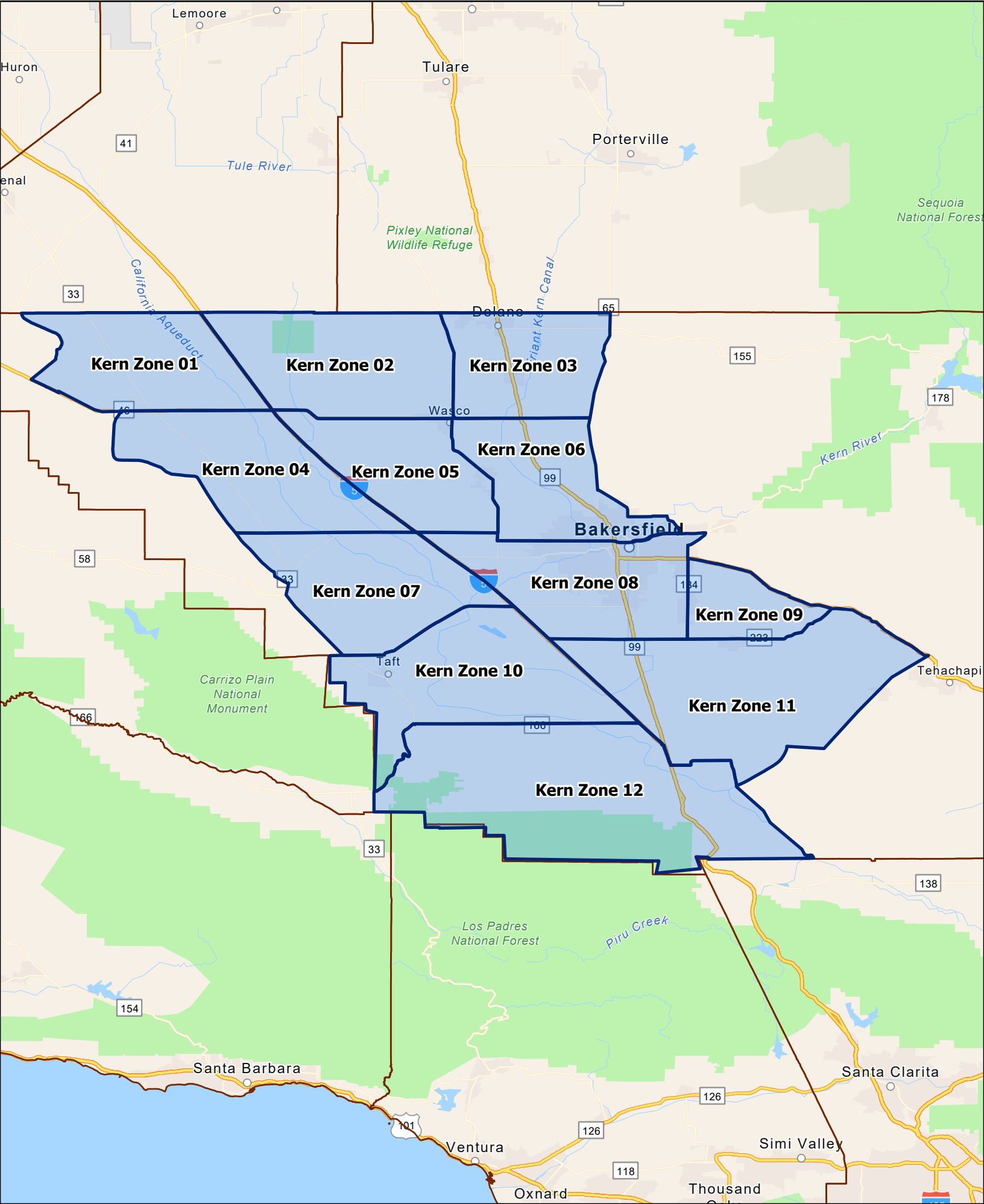
BCTV Survey Areas
 County Boundary



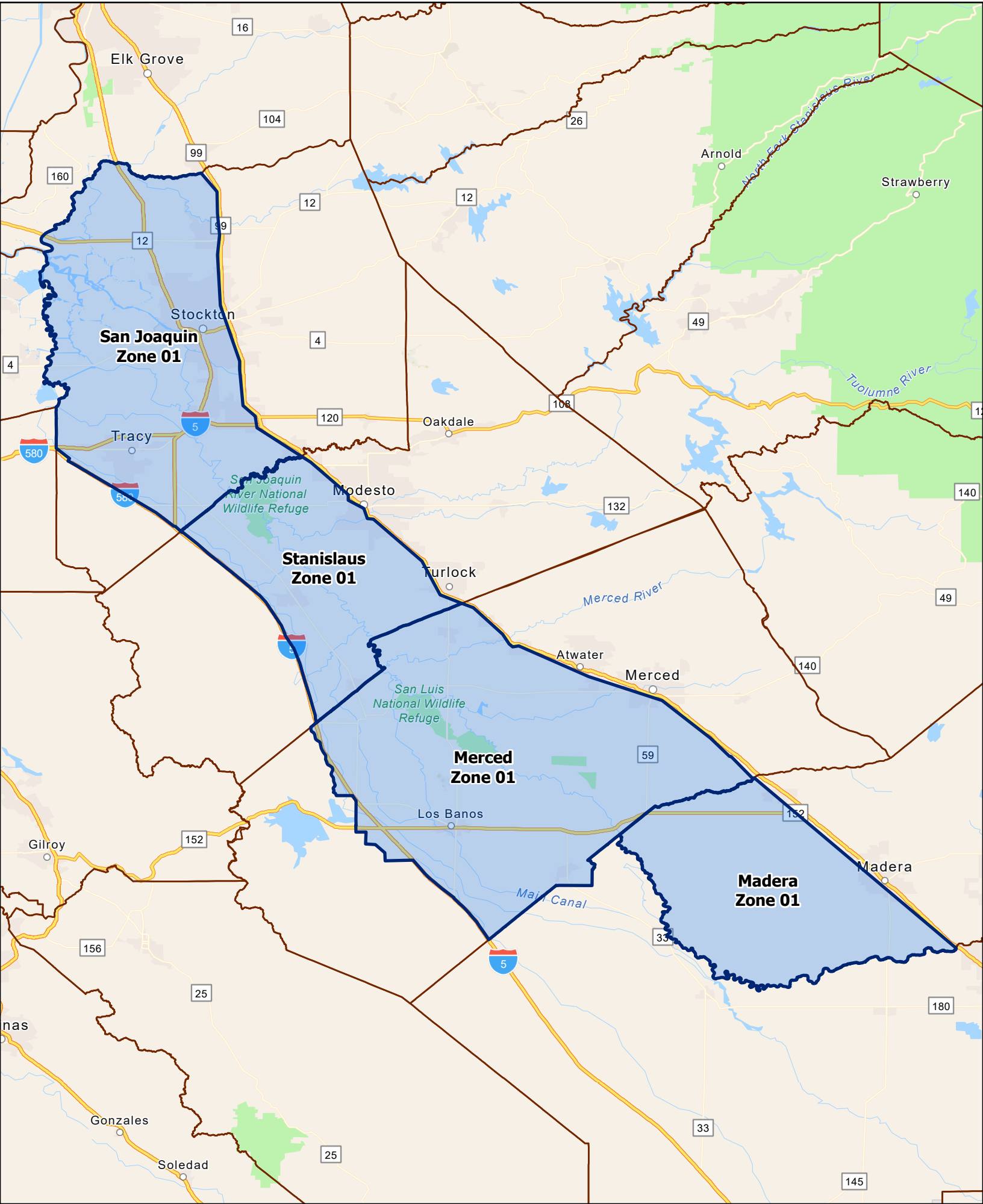
CTV Control Program Survey Zones Fresno & Kings Counties



CTV Control Program Survey Zones Kern County



CTV Control Program Survey Zones Madera, Merced, Stanislaus & San Joaquin Counties



CTV Control Program Survey Zones Sacramento Valley

