

Beet Curly Top Virus Control Program

Monthly Report

California Department of Food and Agriculture
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March 2026

Program Update

- In March, 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 Butte, Colusa, Fresno, Glenn, Kern, Kings, Madera, Merced, Sacramento, San Joaquin, Solano, Stanislaus, Sutter, and Yolo counties.
- BLH counts remained low in all survey areas statewide (0-1 BLH per sweep set). A couple of fields in Fresno and Kern County had higher BLH activity but were in isolated areas.
- Program staff have concluded hillside survey for the year. Staff are shifting to roadside and fallow field surveys closer to the hillsides to identify migration and holding areas for BLH.
- Commonly observed host vegetation is Mallow, Filaree, Mustards, Plantago, London Rocket, Shepherd's Purse, Bindweed, Kochia, Lamb's Quarter, Russian Thistle, Bassia and Peppergrass. Winter and early Spring host plant vegetation is dying off and Summer host plant vegetation is starting to emerge.
- 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

March County Average BLH Counts				
County	2023	2024	2025	2026
Fresno	0.01	1.5	1.5	0.5
Kings	0.2	0.5	5.0	0.03
Kern	0.03	0.8	1.3	1.0
Madera	-	0	0.03	0
Merced	-	0.02	0.06	0.04
Butte	-	-	0.1	0.2
Colusa	0.3	-	0	0.3
Glenn	-	0	0.2	0
Sacramento	-	0	0	0.03
San Joaquin	-	0.01	1.7	0.1
Stanislaus	0	0	0.04	0
Sutter	0	0	0.2	0.01
Solano	-	0	0.03	0.1
Yolo	0.5	0	0.04	0.1

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 Filaree, Peppergrass, Mallow, Mustards, Russian Thistle, London Rocket, Lamb's Quarter and Plantago.
- 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>
Field 12	3/1-3/31	1.0
Field 07	3/1-3/31	0.9
Field 20	3/1-3/31	0.01
Field 09	3/1-3/31	0.2
Field 04	3/1-3/31	1.1
Field 14	3/1-3/31	0.7
Field 05	3/1-3/31	2.3
Field 20	3/1-3/31	0.9
Field 23	3/1-3/31	0
Field 06	3/1-3/31	0.9
Field 10	3/1-3/31	0.1
Field 03	3/1-3/31	2.5
Field 13	3/1-3/31	1.7
Field 15	3/1-3/31	0
Field 18	3/1-3/31	0.03
Fresno Zone 02	3/1-3/31	0.7
Fresno Zone 04	3/1-3/31	0.1
Fresno Zone 05	3/1-3/31	0.1
Fresno Zone 07	3/1-3/31	0.3
Fresno Zone 08	3/1-3/31	0
Fresno Zone 09	3/1-3/31	0.1
Fresno Zone 11	3/1-3/31	0.03

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. Two fields (45 and 48) had some hotspot areas, averaging 10-50 BLH per sweep set.
- Host plant vegetation surveyed included Filaree, Mallow, Mustards, Lamb's Quarter, Russian Thistle, Bassia, Plantago, Peppergrass, 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>
Field 42	3/1-3/31	1.1
Field 28,29,30,31	3/1-3/31	0.2
Field 44	3/1-3/31	0
Field 46	3/1-3/31	0.6
Field 45	3/1-3/31	9.5
Field 32	3/1-3/31	0
Field 39	3/1-3/31	0.2
Field 38	3/1-3/31	0.4
Field 36	3/1-3/31	0.4
Field 34	3/1-3/31	0.5
Field 33	3/1-3/31	0.1
Field 35	3/1-3/31	0.2
Field 41	3/1-3/31	0.1
Field 40	3/1-3/31	0.2
Field 48	3/1-3/31	4.3
Kern Zone 04	3/1-3/31	0.4
Kern Zone 07	3/1-3/31	0.5
Kern Zone 09	3/1-3/31	0.5
Kern Zone 10	3/1-3/31	0.8
Kern Zone 11	3/1-3/31	0.4
Kern Zone 12	3/1-3/31	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 survey areas, averaging 0-1 BLH per sweep set.

- Host plant vegetation surveyed included Kochia, Lamb's Quarter, London Rocket, Russian Thistle, Mallow, and Filaree.
- 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>
Field 24	3/1-3/31	0
Field 25	3/1-3/31	0.02
King Zone 01	3/1-3/31	0.1
King Zone 02	3/1-3/31	0
King Zone 03	3/1-3/31	0.04
King Zone 04	3/1-3/31	0

Madera County

- BLH population surveys were conducted in fallow fields and roadsides within five miles of the foothills.
- No BLH was observed during survey in Madera County.
- Host Vegetation surveyed included Mallow, Mustards, Filaree, Goosefoot, London Rocket, and Shepherd's Purse.

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, Shepherd's Purse, London Rocket, 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	3/1-3/31	0.04

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	3/1-3/31	0.3

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, Filaree, and Mustards.
- 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	3/1-3/31	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, Filaree, 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	3/1-3/31	0.01

Glenn County

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

Butte 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 Filaree.
- A map identifying the location of BLH counts is provided at the end of the report.

Butte County BLH Survey		
<u>Location</u>	<u>Date</u>	<u>Average # of BLH per sweep set</u>
Butte Zone 01	3/1-3/31	0.2

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, Bindweed, 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	3/1-3/31	0.1

Stanislaus County

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

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, 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	3/1-3/31	0.03

San Joaquin County

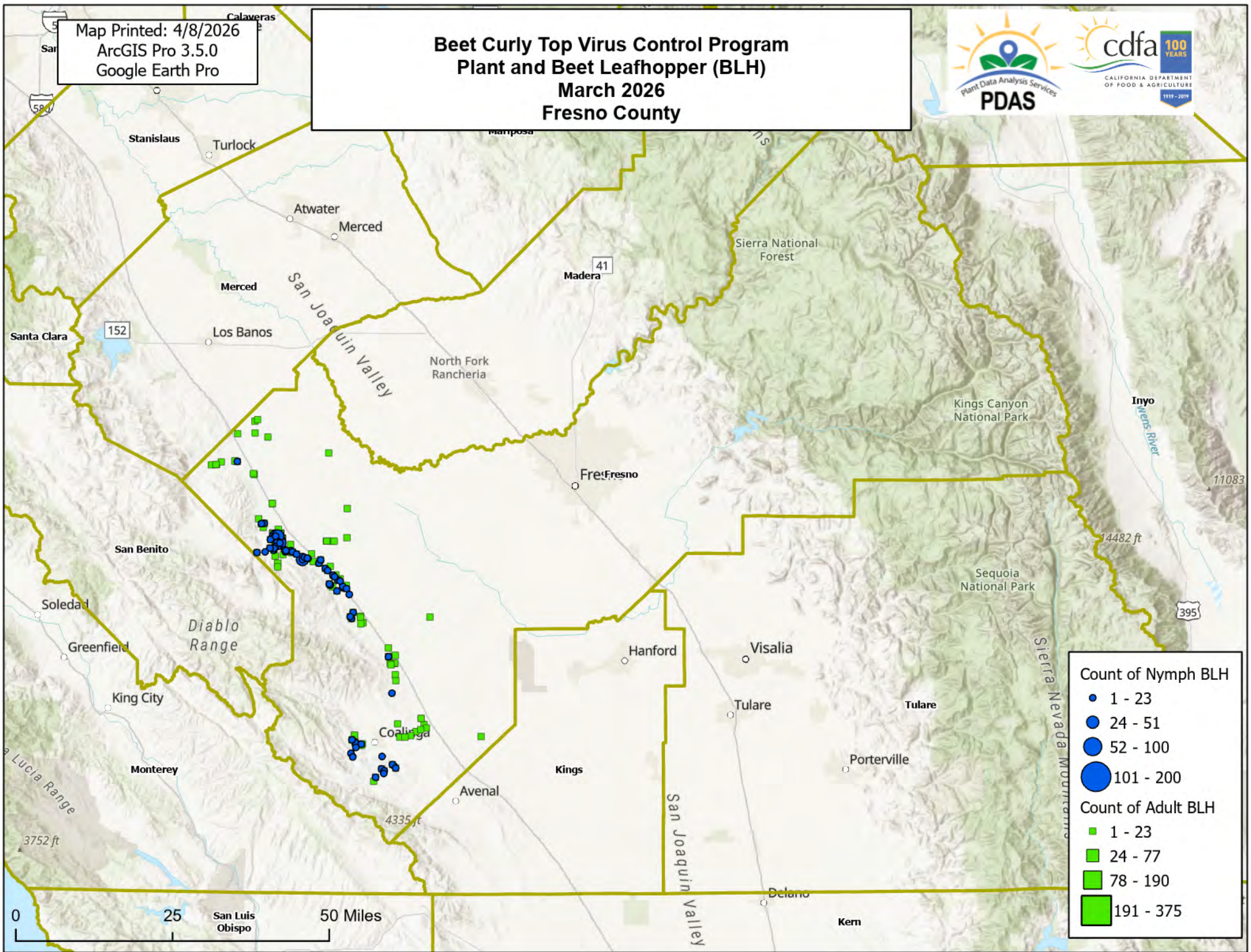
- BLH population surveys were conducted in fallow fields and roadsides within five miles of the foothills.
- Overall counts remained very low throughout the survey areas, averaging 0-1 BLH per sweep set.
- Host vegetation surveyed included Filaree, Mustards, London Rocket, and Mallow.
- A map identifying 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	3/1-3/31	0.1

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www.cdfa.ca.gov/subscriptions/

Map Printed: 4/8/2026
ArcGIS Pro 3.5.0
Google Earth Pro

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



Count of Nymph BLH

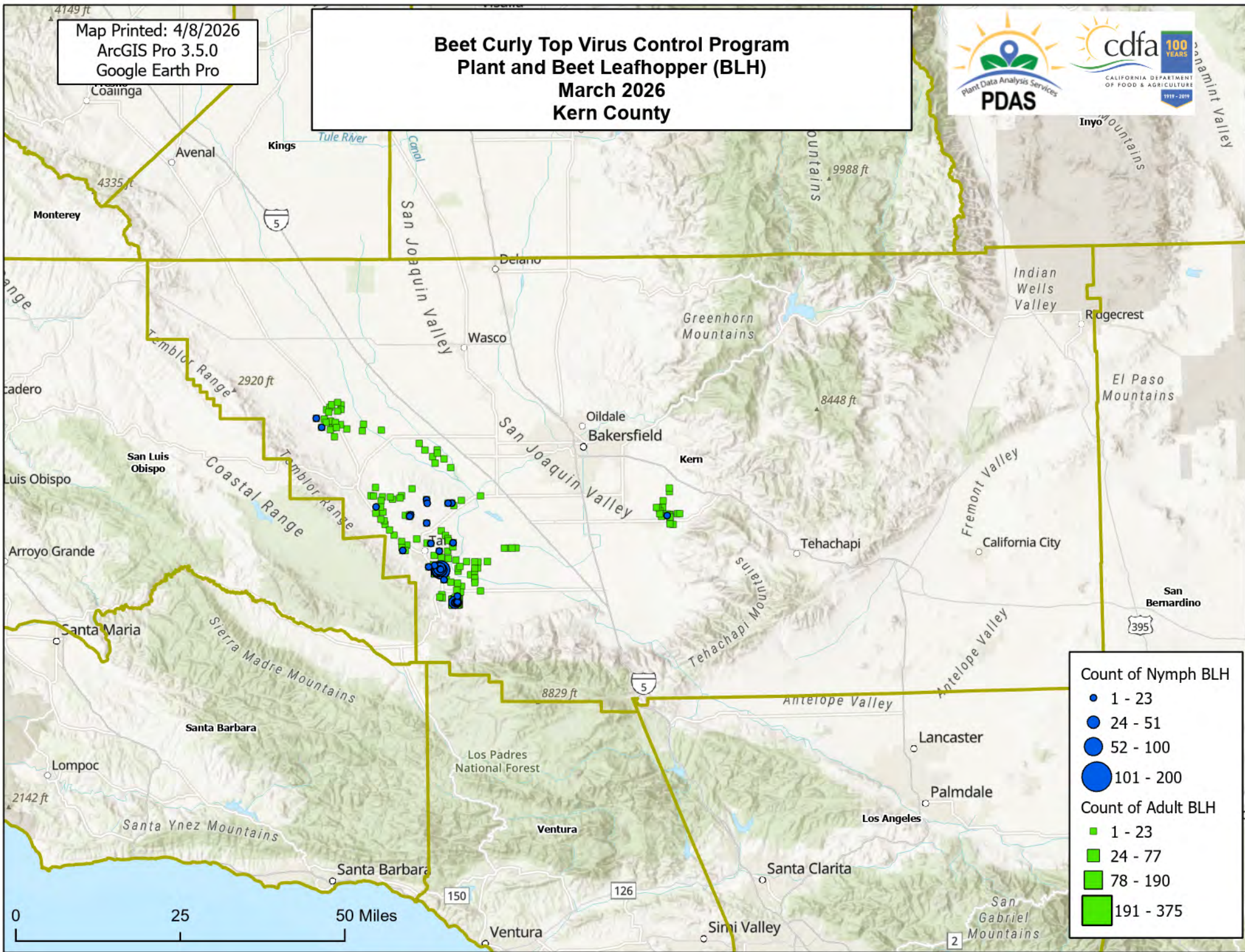
- 1 - 23
- 24 - 51
- 52 - 100
- 101 - 200

Count of Adult BLH

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

Map Printed: 4/8/2026
ArcGIS Pro 3.5.0
Google Earth Pro

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



Count of Nymph BLH

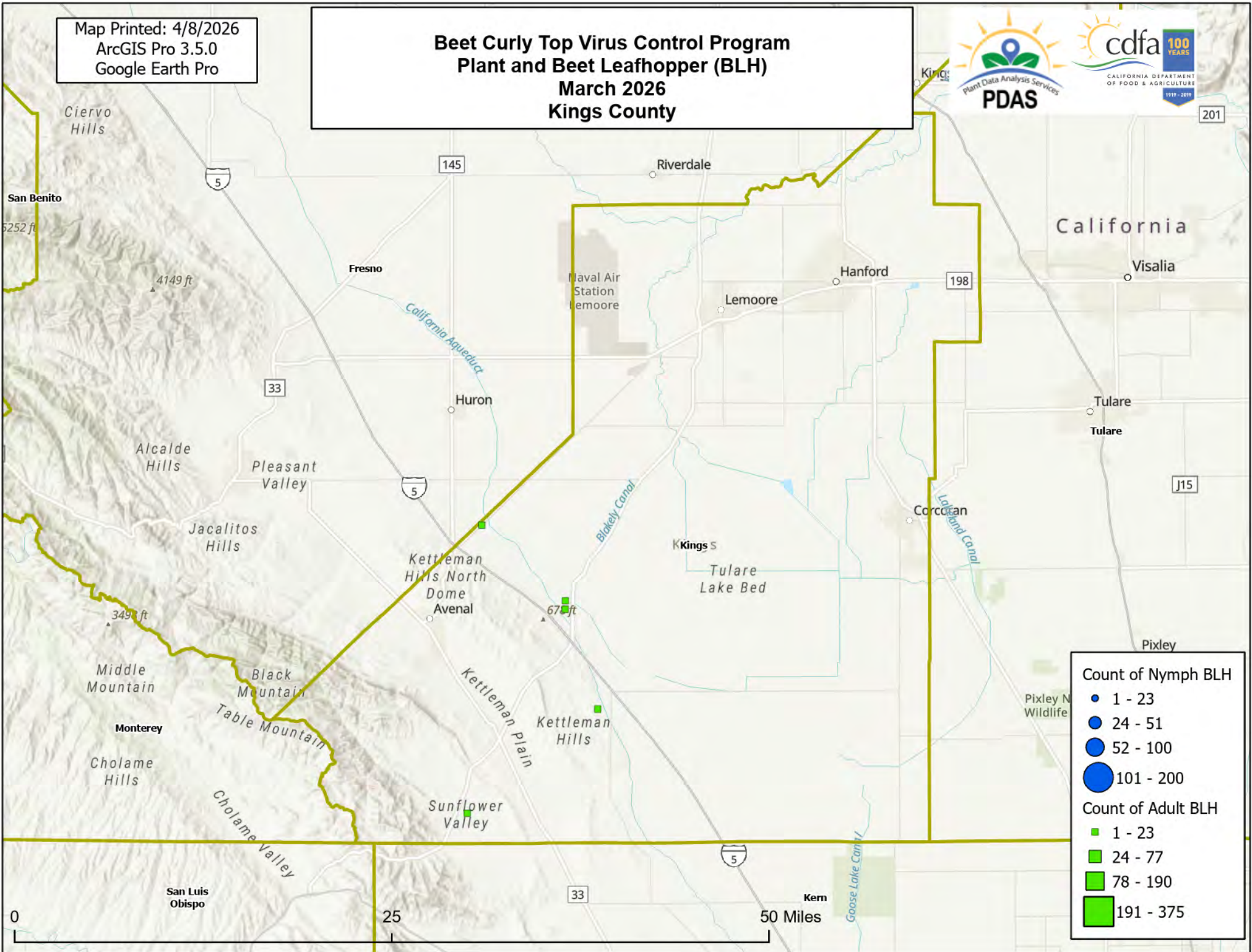
- 1 - 23
- 24 - 51
- 52 - 100
- 101 - 200

Count of Adult BLH

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

Map Printed: 4/8/2026
ArcGIS Pro 3.5.0
Google Earth Pro

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



Count of Nymph BLH

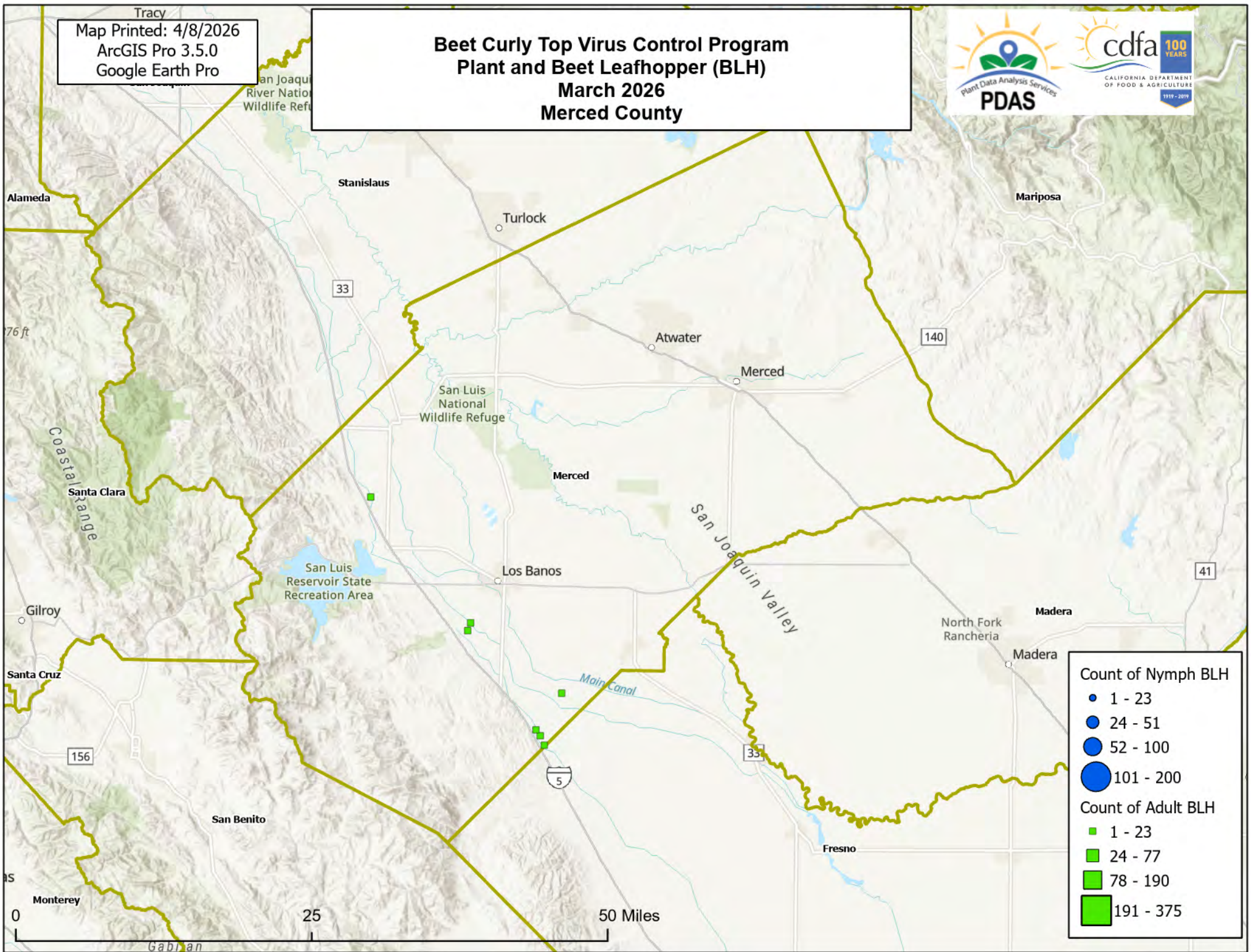
- 1 - 23
- 24 - 51
- 52 - 100
- 101 - 200

Count of Adult BLH

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

Map Printed: 4/8/2026
ArcGIS Pro 3.5.0
Google Earth Pro

Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) March 2026 Merced County



Count of Nymph BLH

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

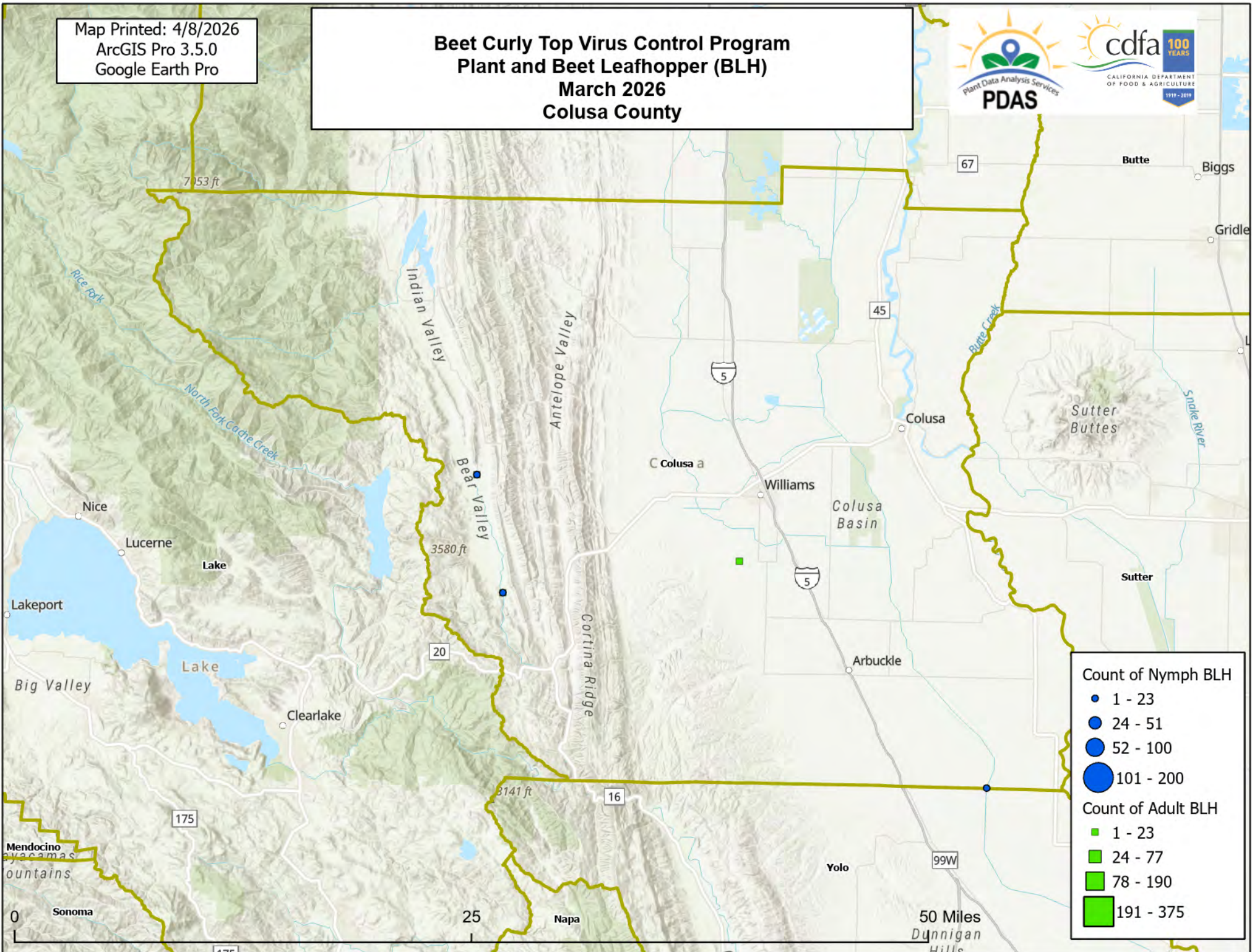
Count of Adult BLH

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

0 25 50 Miles

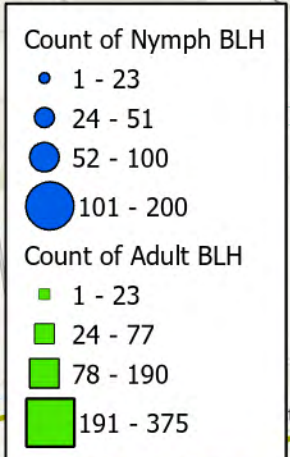
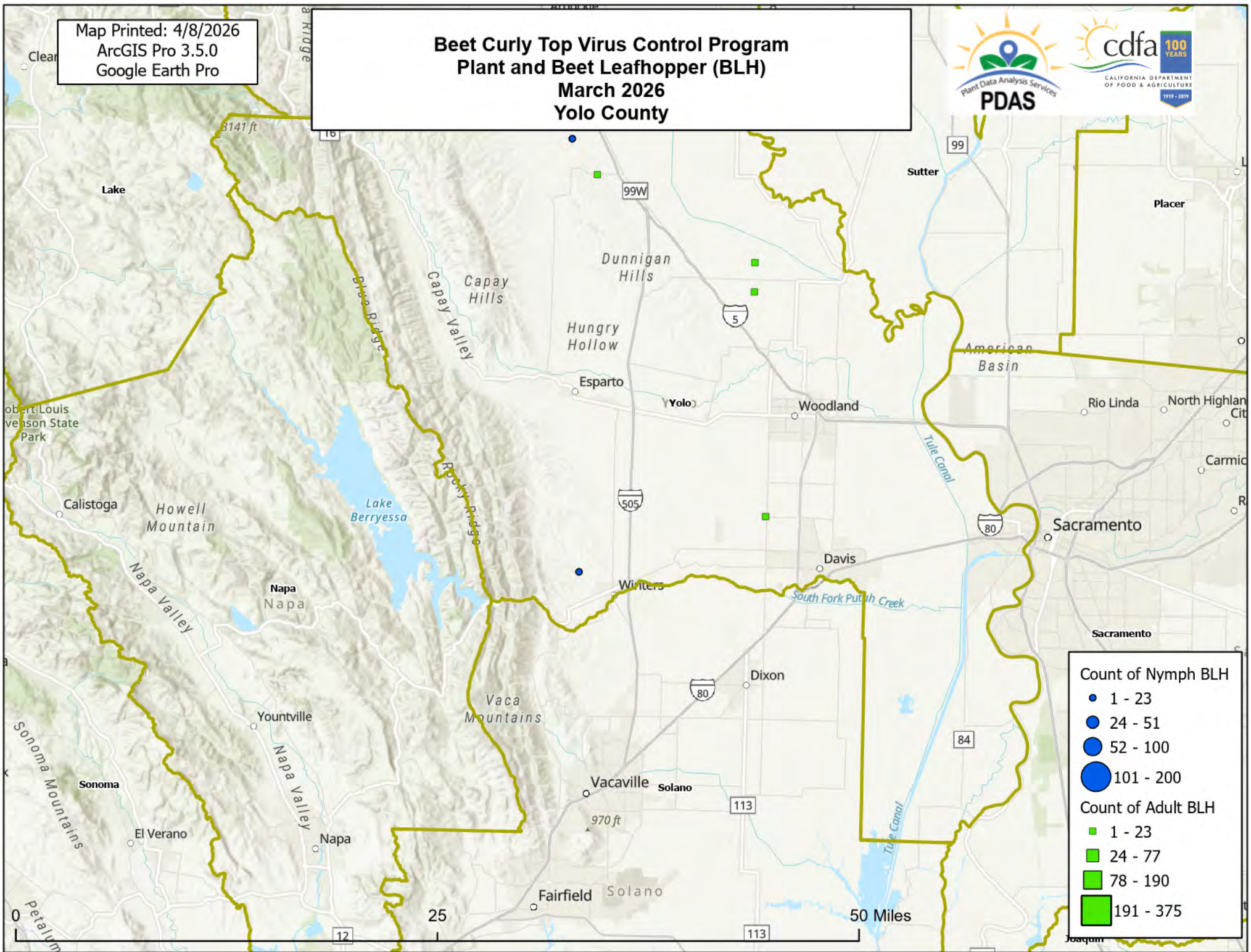
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ArcGIS Pro 3.5.0
Google Earth Pro

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



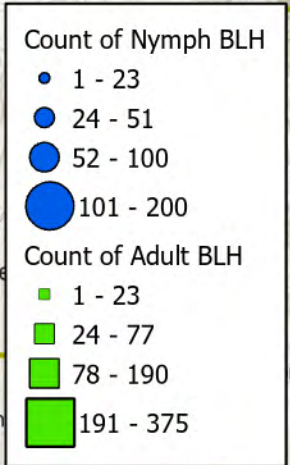
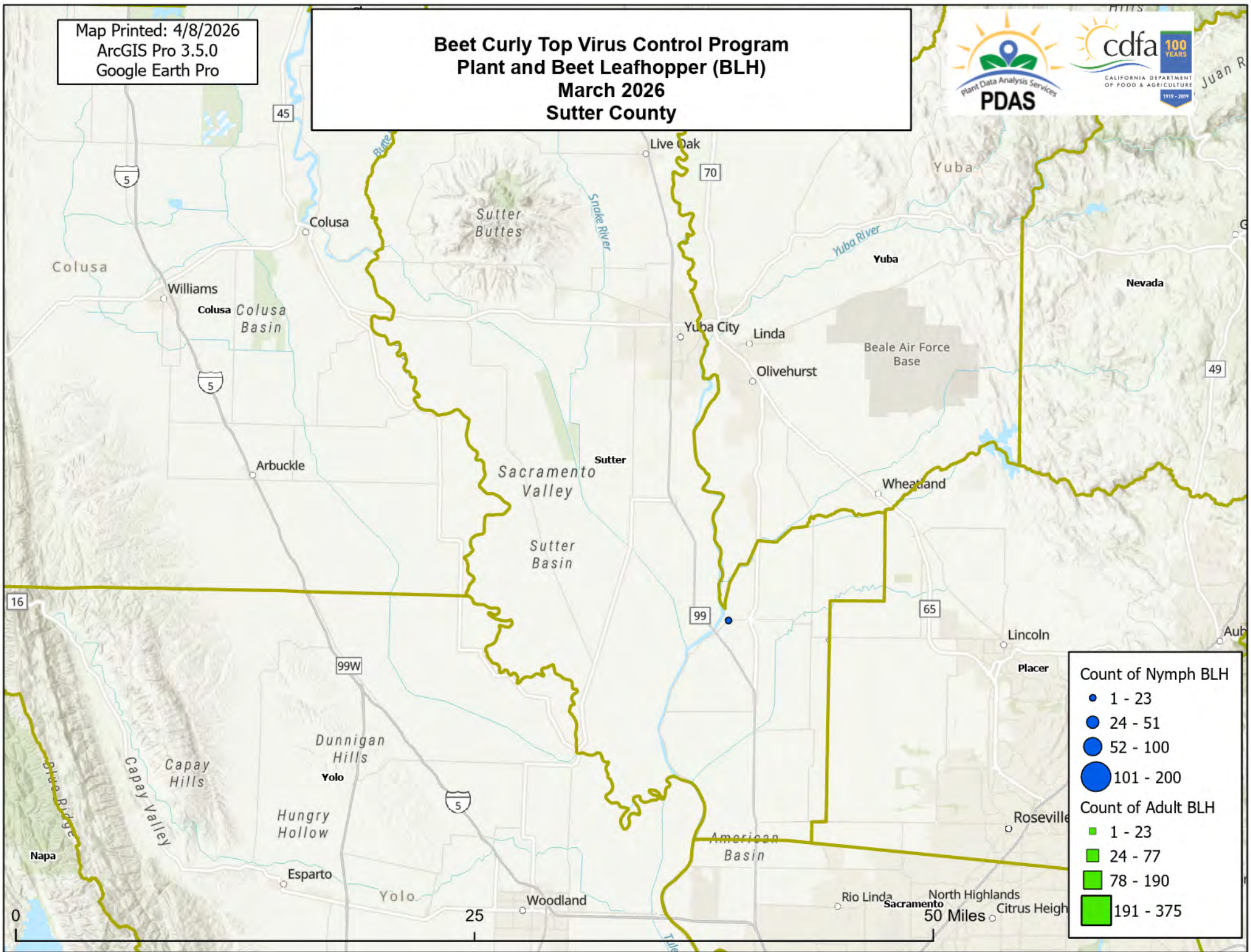
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Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) March 2026 Yolo County



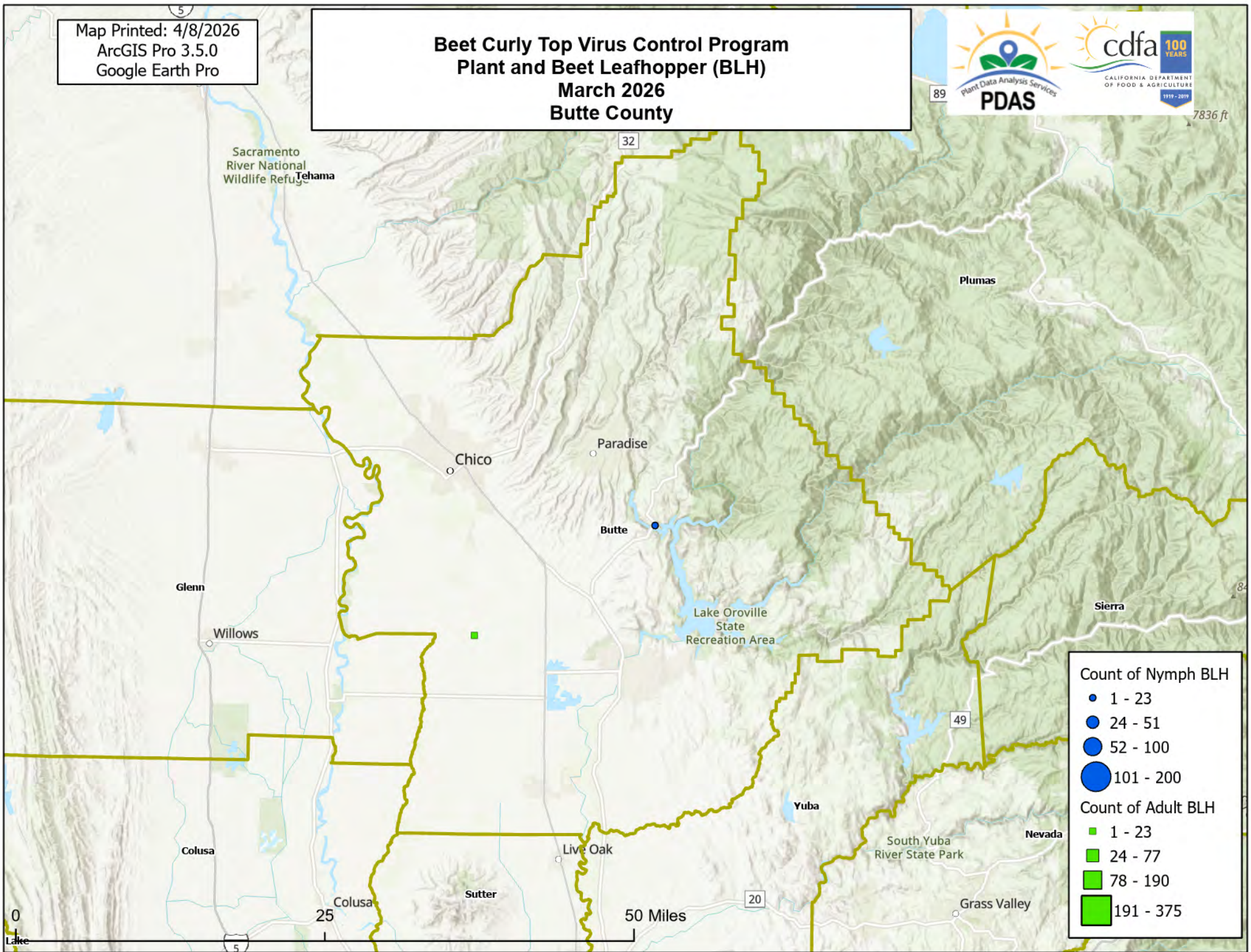
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Google Earth Pro

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



Map Printed: 4/8/2026
ArcGIS Pro 3.5.0
Google Earth Pro

Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) March 2026 Butte County



Count of Nymph BLH

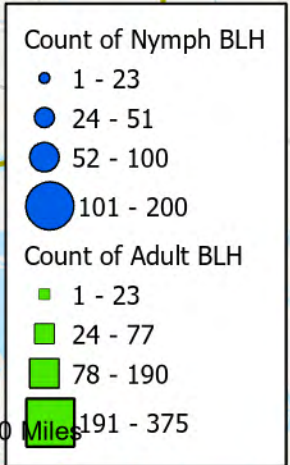
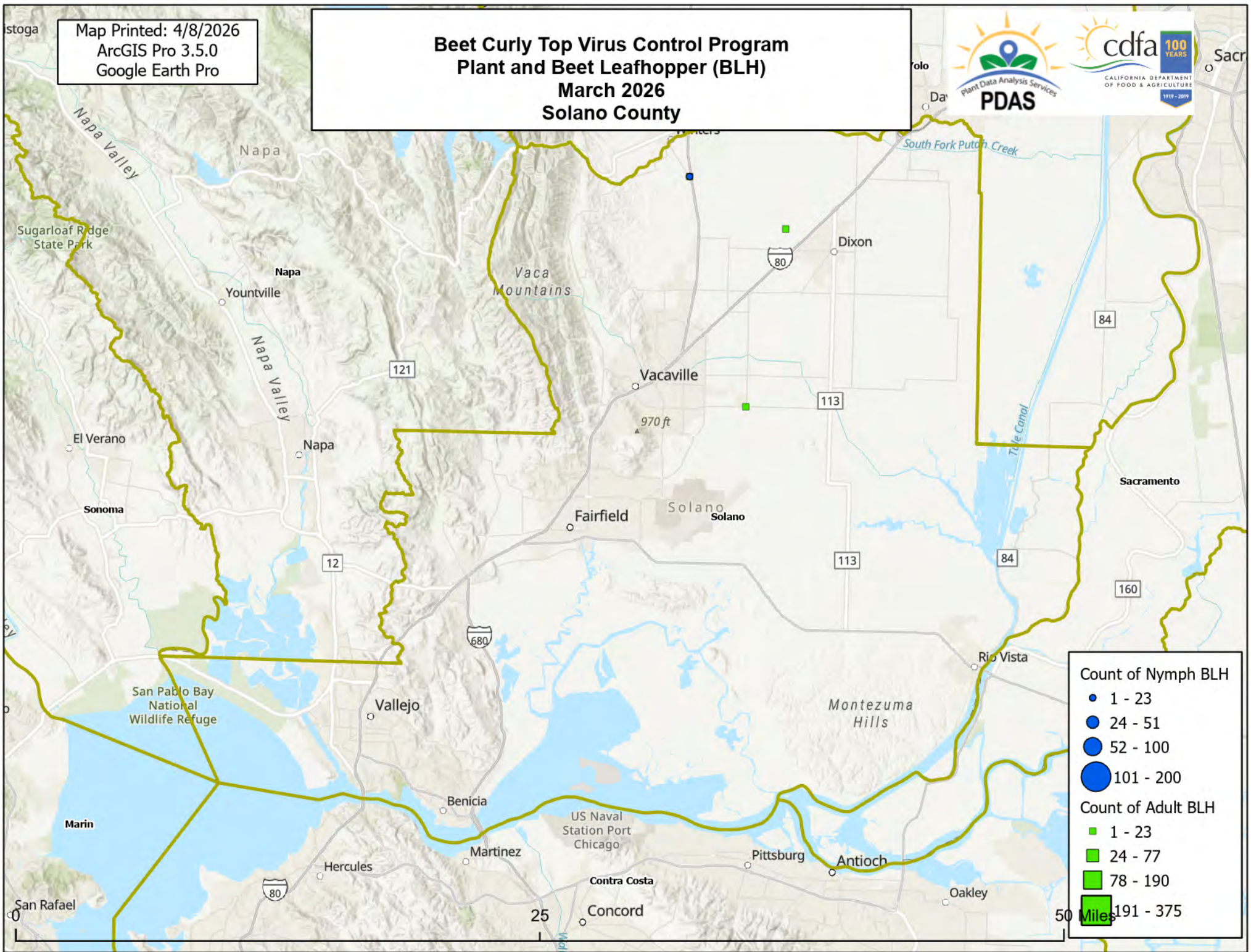
- 1 - 23
- 24 - 51
- 52 - 100
- 101 - 200

Count of Adult BLH

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

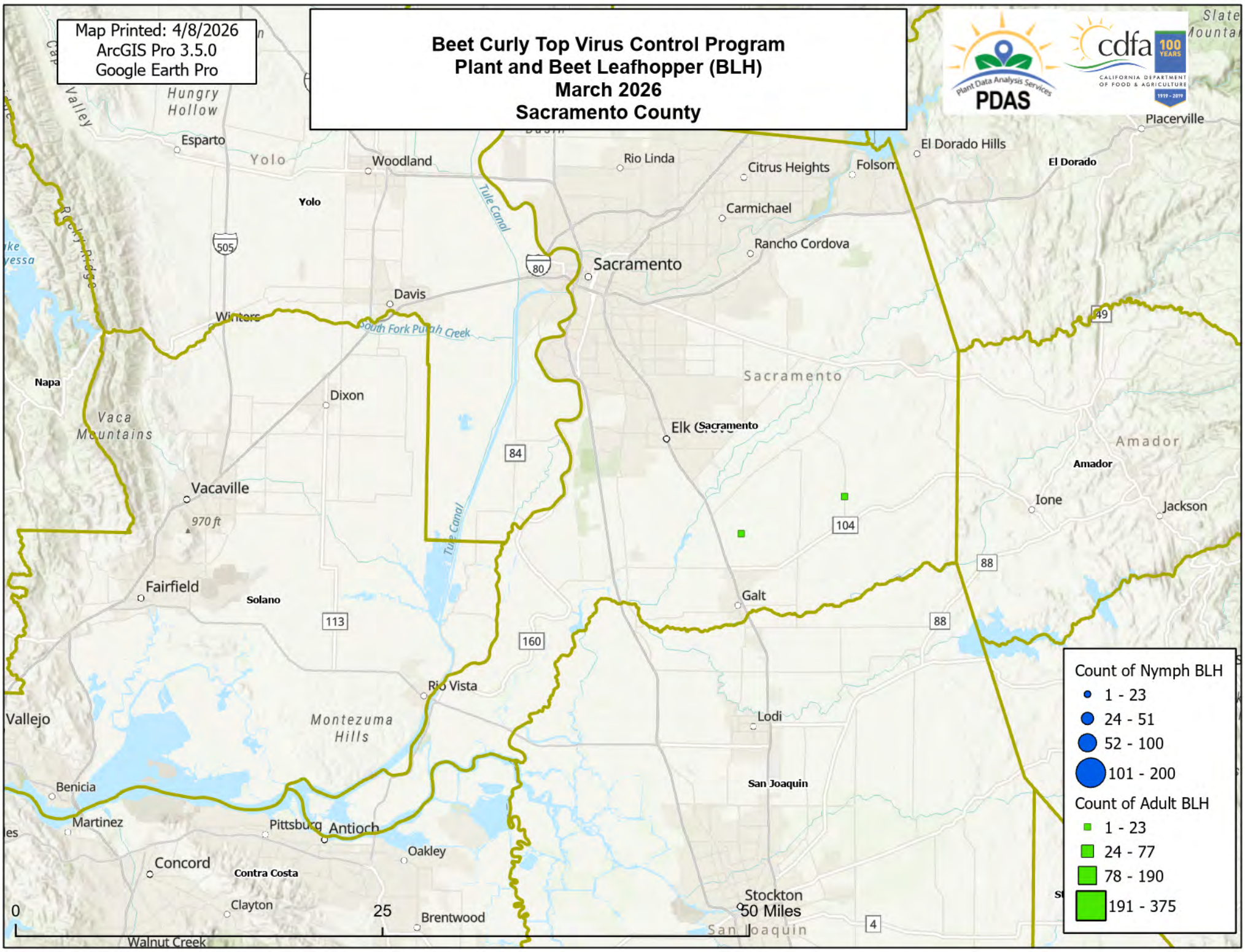
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Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) March 2026 Solano County



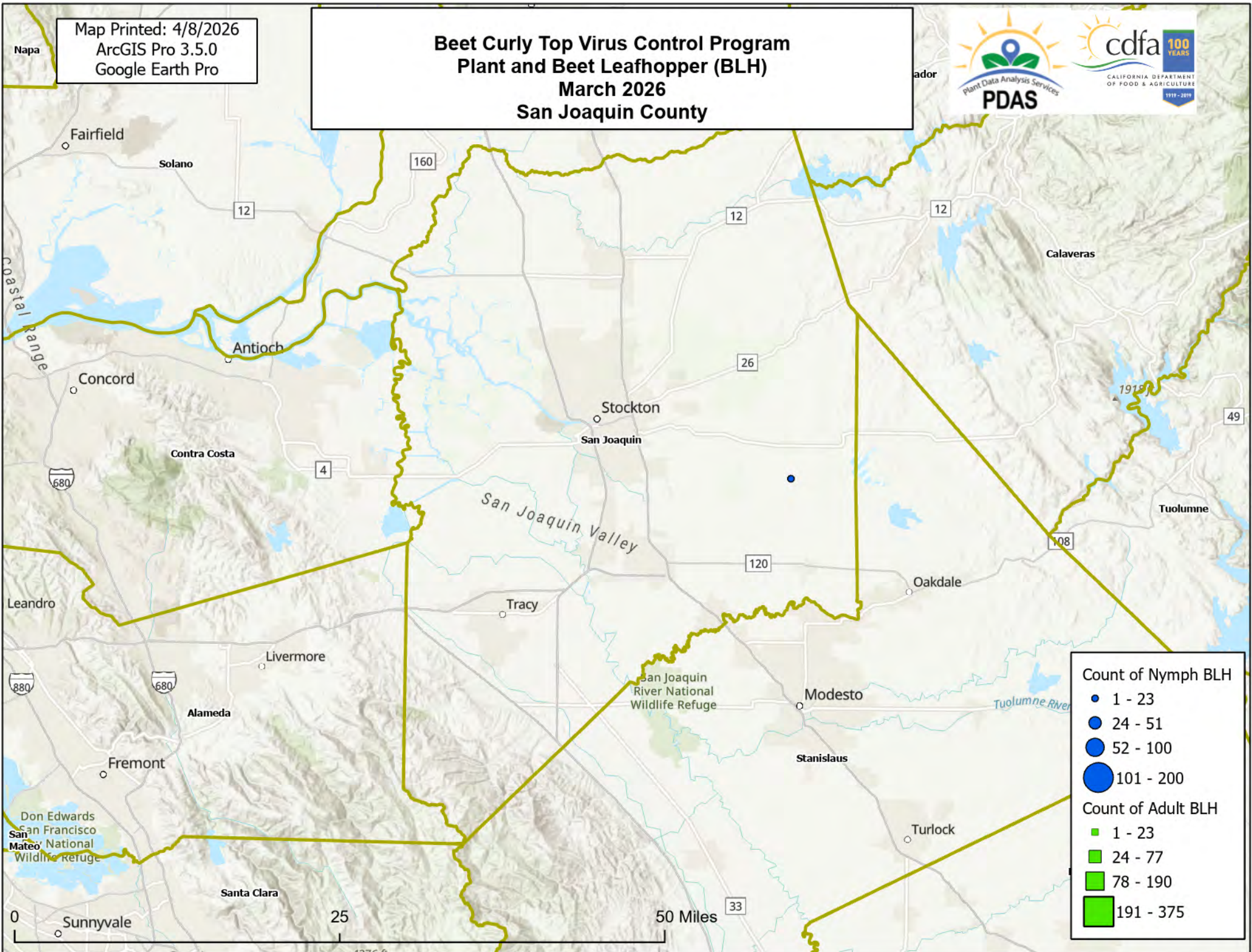
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ArcGIS Pro 3.5.0
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Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) March 2026 Sacramento County

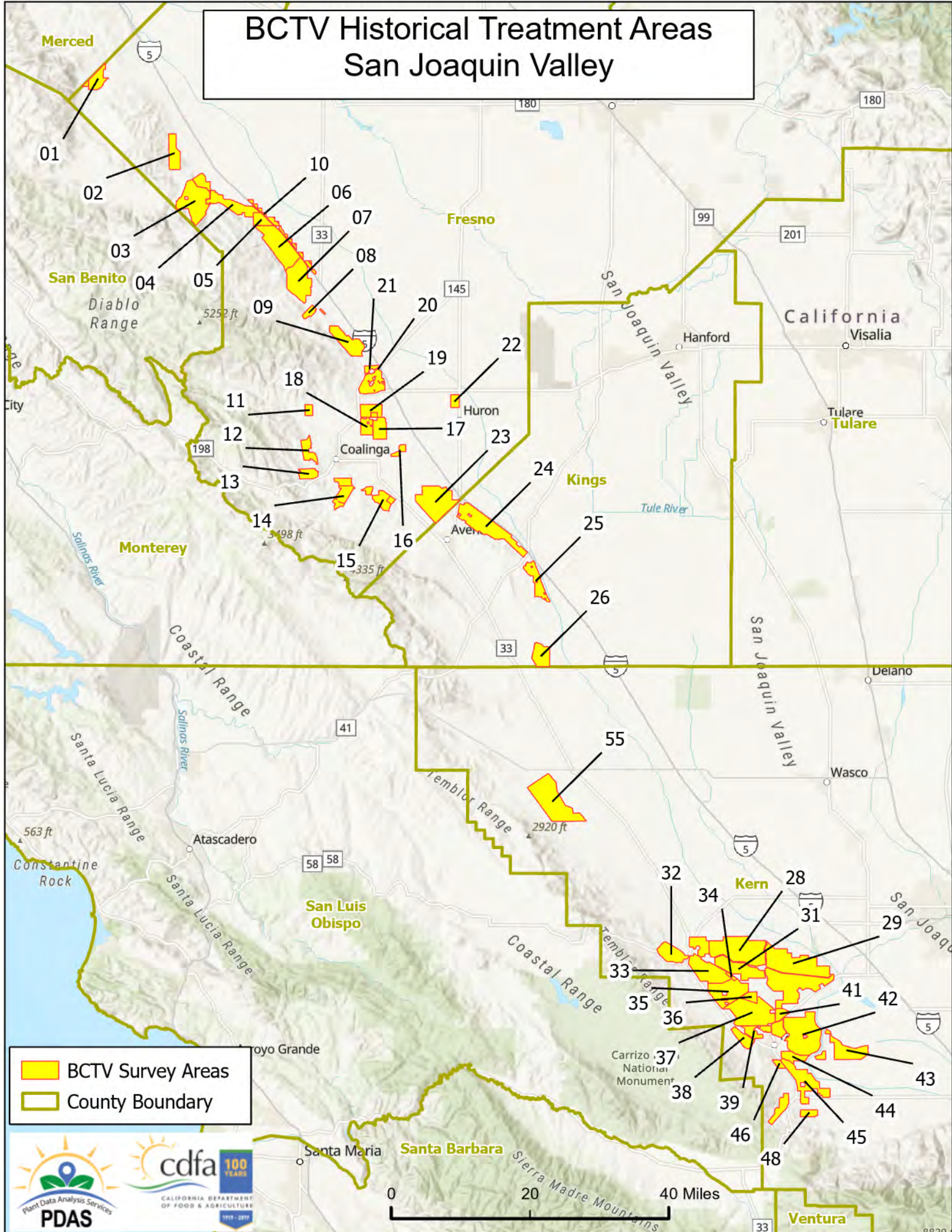


Map Printed: 4/8/2026
ArcGIS Pro 3.5.0
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Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) March 2026 San Joaquin County



BCTV Historical Treatment Areas San Joaquin Valley

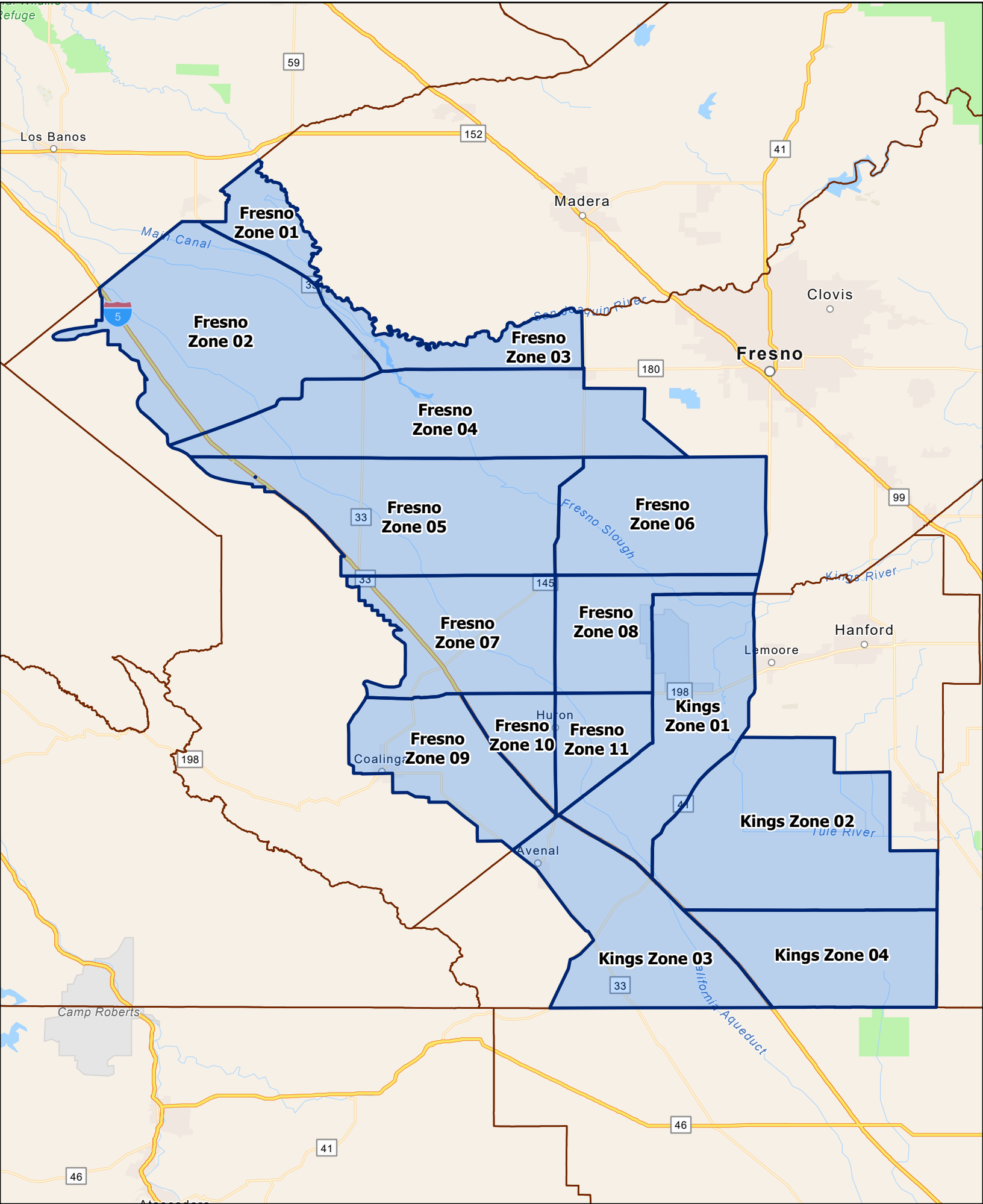


BCTV Survey Areas
 County Boundary

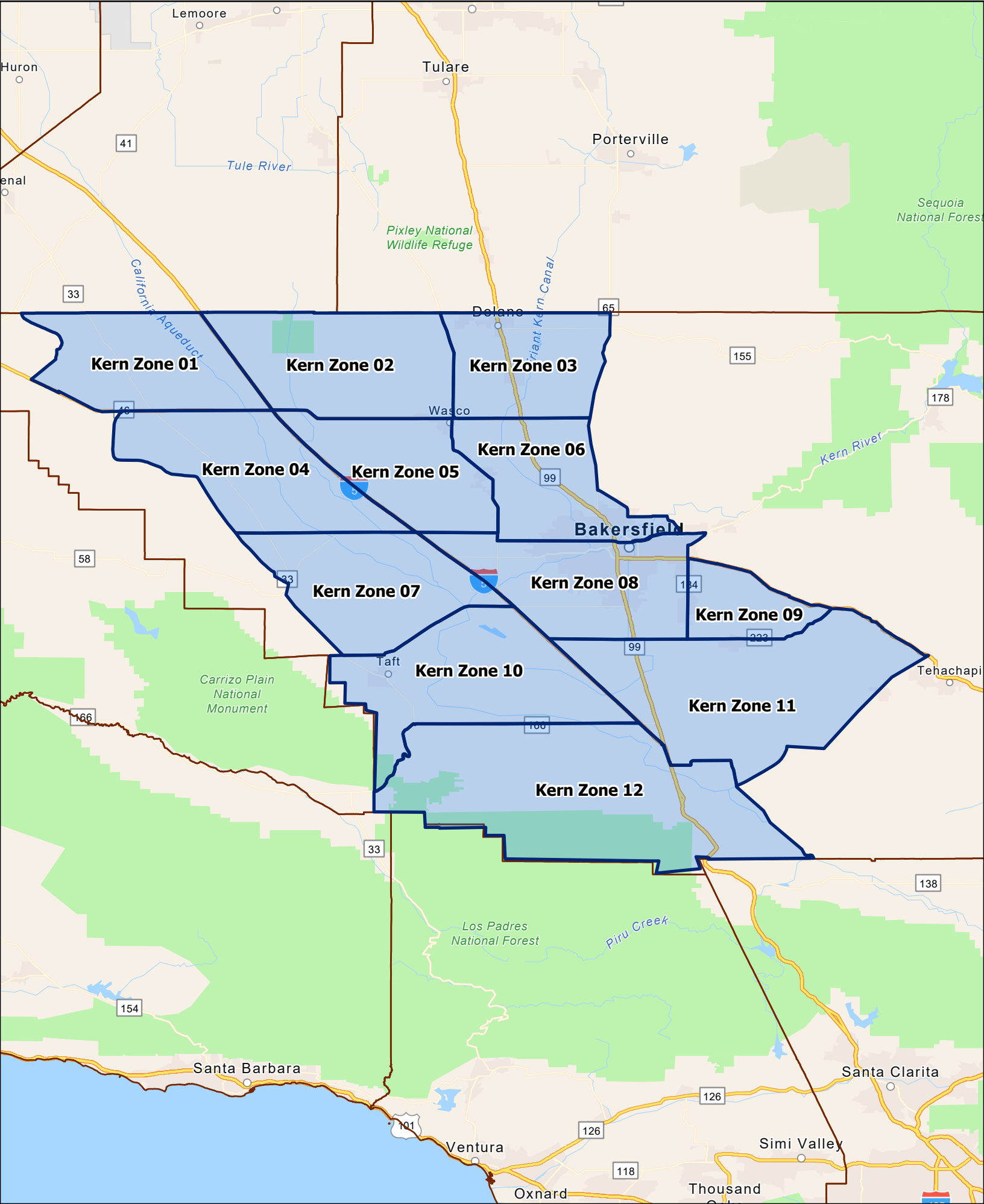


0 20 40 Miles

CTV Control Program Survey Zones Fresno & Kings Counties



CTV Control Program Survey Zones Kern County



CTV Control Program Survey Zones Sacramento Valley

