

Beet Curly Top Virus Control Program

Monthly Report

California Department of Food and Agriculture
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February 2026

Program Update

- In February, 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). One Field (field 03) had isolated counts averaging (1 to 10 BLH/nymph per sweep set). Nymphs are being observed but in isolated areas.
- Weather events in February limited Program Staff ability to survey due to limited visibility and muddy roads. Staff continue to survey in the west side foothills and along roadsides and fallow fields.
- Commonly observed host vegetation is Mallow, Filaree, Mustards, Plantago, London Rocket, Shepherd's Purse and Peppergrass. Annual grass still accounts for most of the vegetation observed, limiting ideal conditions for BLH development.
- 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

February County Average BLH Counts				
<u>County</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>
Fresno	0.3	2.0	0.4	0.3
Kings	0.1	1.6	0.6	0.2
Kern	0.1	1.5	1.2	0.2
Madera	-	0	0.01	0
Merced	0	0.04	0	0
Butte	-	0	0	0
Colusa	-	0	0.1	0
Glenn	0.8	0.01	0	0
Sacramento	-	0	0.08	0
San Joaquin	-	0.7	0.05	0.03
Stanislaus	-	0.2	0.02	0.07
Sutter	-	0.02	0	0
Solano	-	0	0	0
Yolo	-	0	0.01	0.1

2026 Beet Curly Top Virus Sample Results

January 2026- BCTV Sample Results by County														
	Fresno	Kings	Kern	Merced	Madera	Glenn	Yolo	Colusa	Sutter	Butte	Solano	Sacramento	Stanislaus	San Joaquin
Positive BLH	5	1	2	-	-	-	-	-	-	-	-	-	-	-
Negative BLH	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Positive Host Plant	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Negative Host Plant	22	-	112	-	-	2	6	3	4	2	2	3	-	-

February 2026- BCTV Sample Results by County														
	Fresno	Kings	Kern	Merced	Madera	Glenn	Yolo	Colusa	Sutter	Butte	Solano	Sacramento	Stanislaus	San Joaquin
Positive BLH	2	1	8	-	-	-	-	-	-	-	-	-	-	-
Negative BLH	3	1	1	-	-	-	-	-	-	-	-	-	-	-
Positive Host Plant	1	1	9	-	-	-	-	-	-	-	-	-	-	-
Negative Host Plant	-	-	-	-	-	-	2	-	-	-	-	2	-	3

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, Goosefoot, London Rocket, Shepherd's Purse, 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	2/1-2/28	0.1
Field 07	2/1-2/28	0.6
Field 20	2/1-2/28	0.06
Field 17	2/1-2/28	0.1
Field 09	2/1-2/28	0.02
Fresno Zone 02	2/1-2/28	0
Fresno Zone 03	2/1-2/28	0
Fresno Zone 04	2/1-2/28	0
Fresno Zone 05	2/1-2/28	0.02
Fresno Zone 07	2/1-2/28	0
Fresno Zone 09	2/1-2/28	0
Field 16	2/1-2/28	0.3
Field 11	2/1-2/28	0
Field 21	2/1-2/28	0
Field 05	2/1-2/28	0.1
Field 02	2/1-2/28	0.1
Field 06	2/1-2/28	0.1
Field 10	2/1-2/28	0.2
Field 03	2/1-2/28	1.3
Field 13	2/1-2/28	0.2
Field 15	2/1-2/28	0
Field 18	2/1-2/28	0

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 Filaree, Mallow, Peppergrass, Plantago 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 37	2/1-2/28	0.4
Field 42	2/1-2/28	0.1
Field 28, 29, 30 ,31	2/1-2/28	0.04
Field 45	2/1-2/28	0.6
Field 47	2/1-2/28	0.7
Field 44	2/1-2/28	0.2
Field 46	2/1-2/28	0.3
Field 27	2/1-2/28	0.1
Field 39	2/1-2/28	0.05
Field 38	2/1-2/28	0.2
Field 36	2/1-2/28	0.1
Field 43	2/1-2/28	0.03
Field 35	2/1-2/28	0.2
Field 41	2/1-2/28	0.05
Field 40	2/1-2/28	0.02
Field 48	2/1-2/28	0.5

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 Mustards, Plantago, London Rocket, Peppergrass, 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	2/1-2/28	0.1
Field 25	2/1-2/28	0.2
Kings Zone 02	2/1-2/28	0
Kings Zone 03	2/1-2/28	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, London Rocket, and Shepherd's Purse.

Merced County

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

Colusa County

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

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	2/1-2/28	0.1

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.
- Host vegetation surveyed included Mallow, Mustards, and Filaree.

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 Mustards, Filaree, and Mallow.

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 Filaree and Mustards.

Solano County

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

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 Filaree and London Rocket.
- 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	2/1-2/28	0.07

Sacramento County

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

San Joaquin County

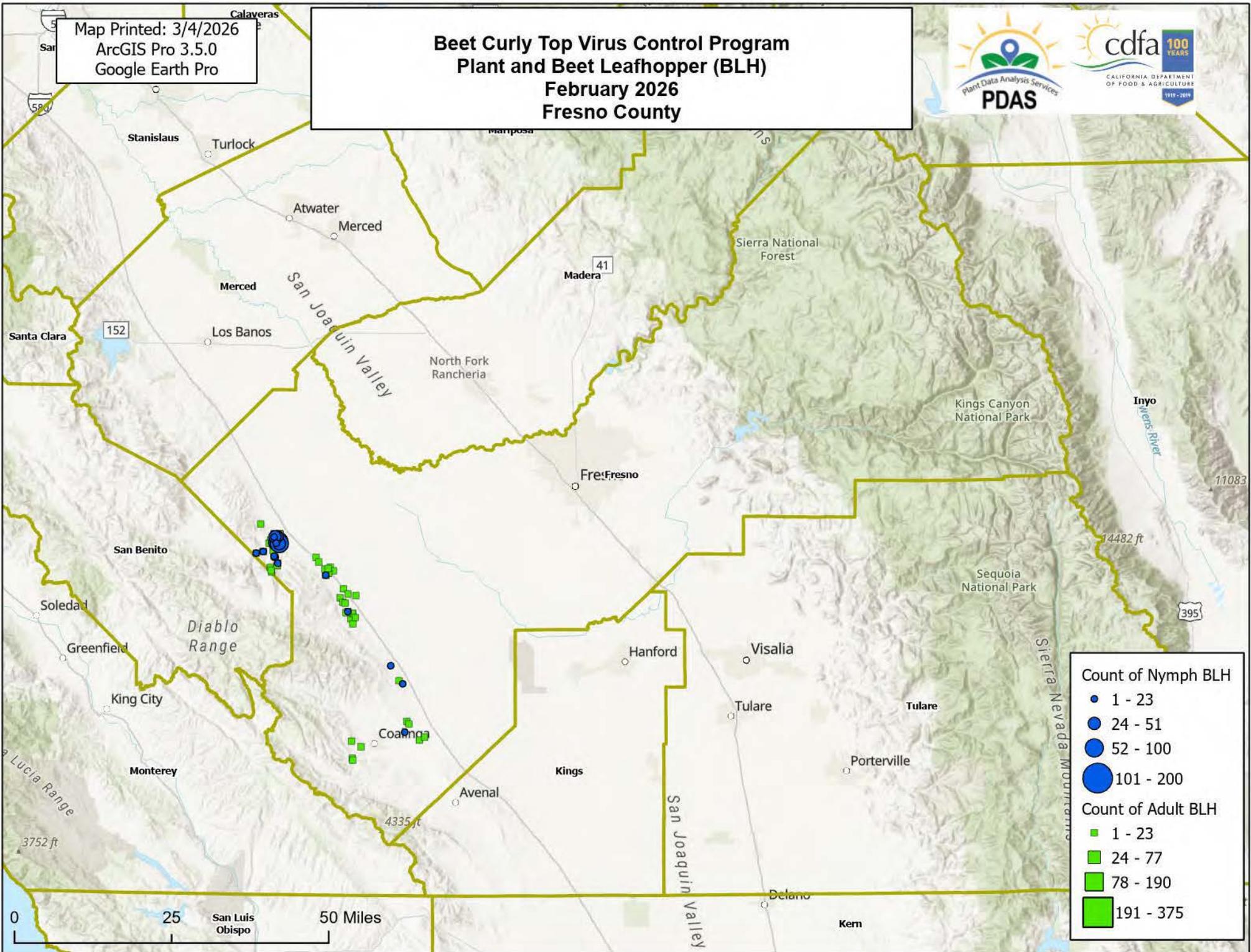
- BLH population surveys were conducted in fallow fields and roadsides within five miles of the foothills.
- Overall counts remained very low throughout the survey areas, averaging 0-1 BLH per sweep set.
- Host vegetation surveyed included Filaree, Mustards, and Mallow.
- A map identifying the location 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	2/1-2/28	0.03

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www.cdfa.ca.gov/subscriptions/

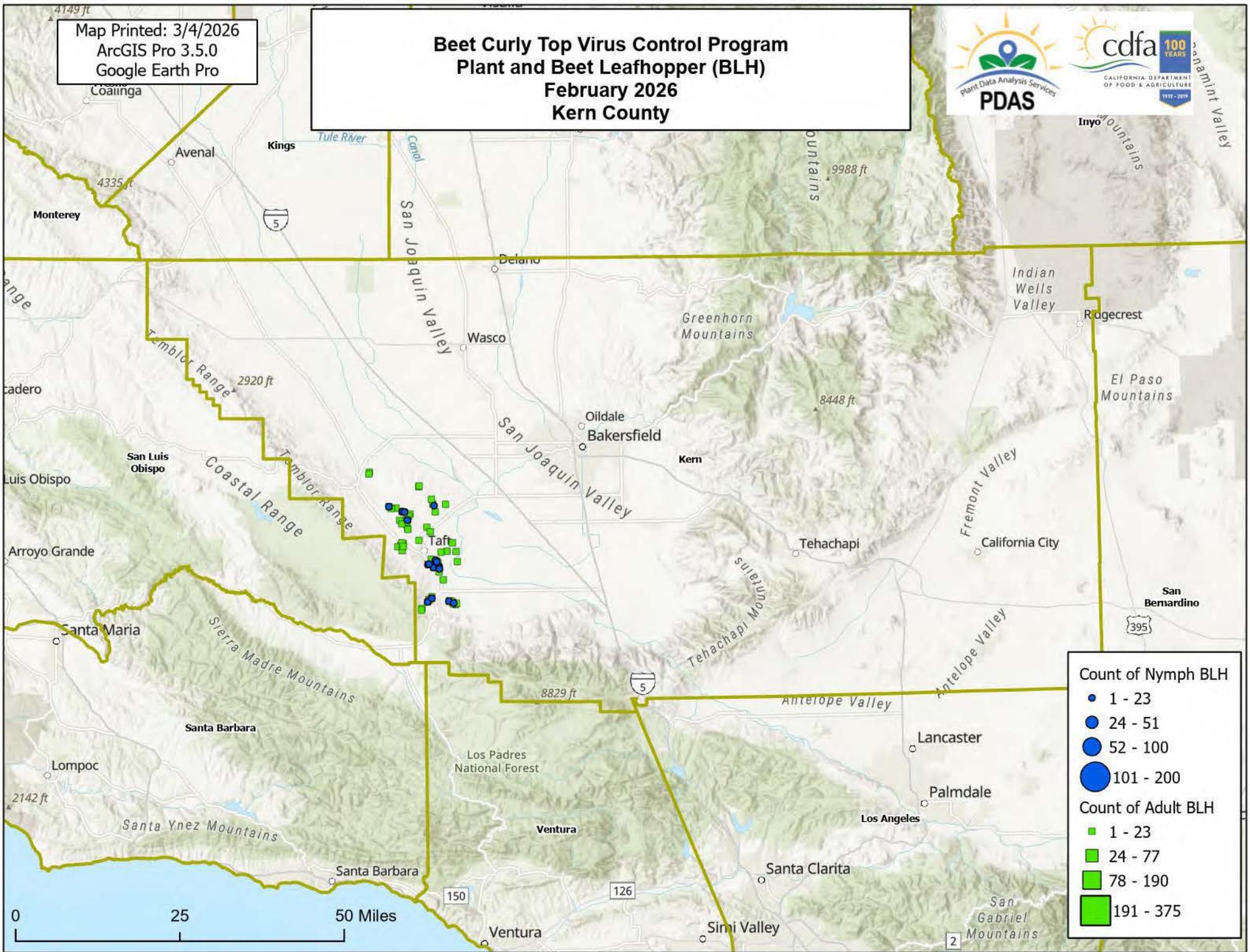
Map Printed: 3/4/2026
ArcGIS Pro 3.5.0
Google Earth Pro

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



Map Printed: 3/4/2026
ArcGIS Pro 3.5.0
Google Earth Pro

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



Count of Nymph BLH

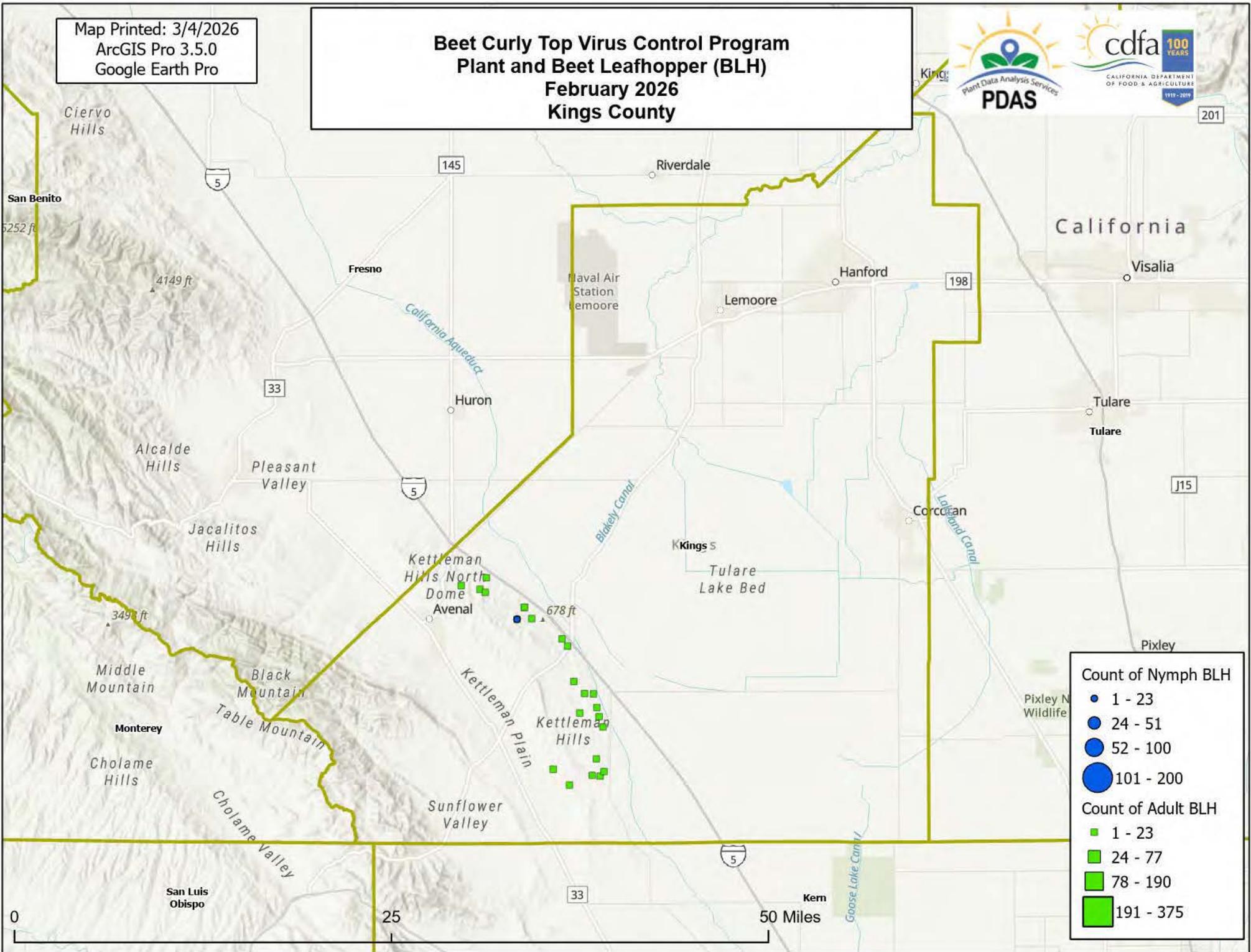
- 1 - 23
- 24 - 51
- 52 - 100
- 101 - 200

Count of Adult BLH

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

Map Printed: 3/4/2026
ArcGIS Pro 3.5.0
Google Earth Pro

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



Count of Nymph BLH

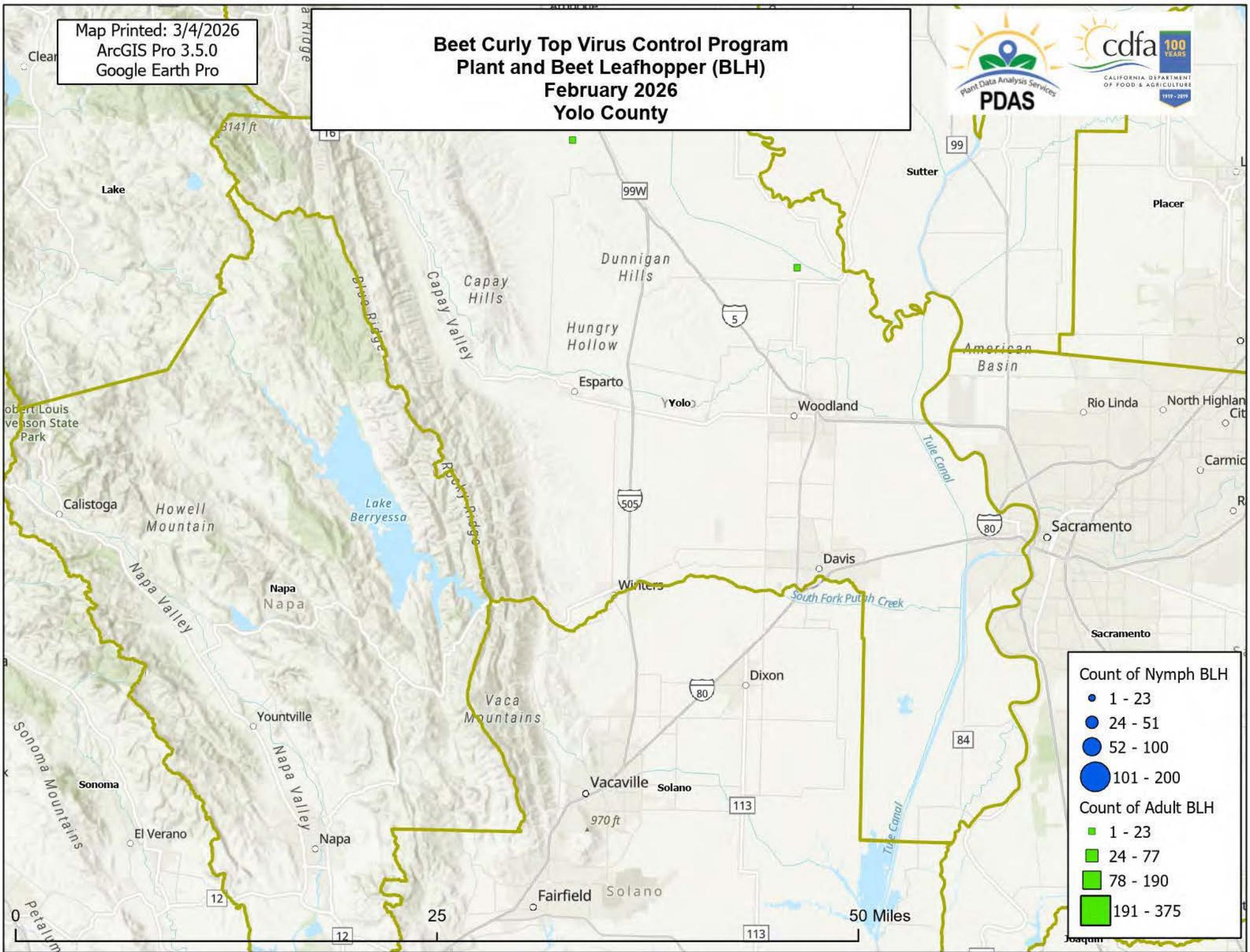
- 1 - 23
- 24 - 51
- 52 - 100
- 101 - 200

Count of Adult BLH

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

Map Printed: 3/4/2026
ArcGIS Pro 3.5.0
Google Earth Pro

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



Count of Nymph BLH

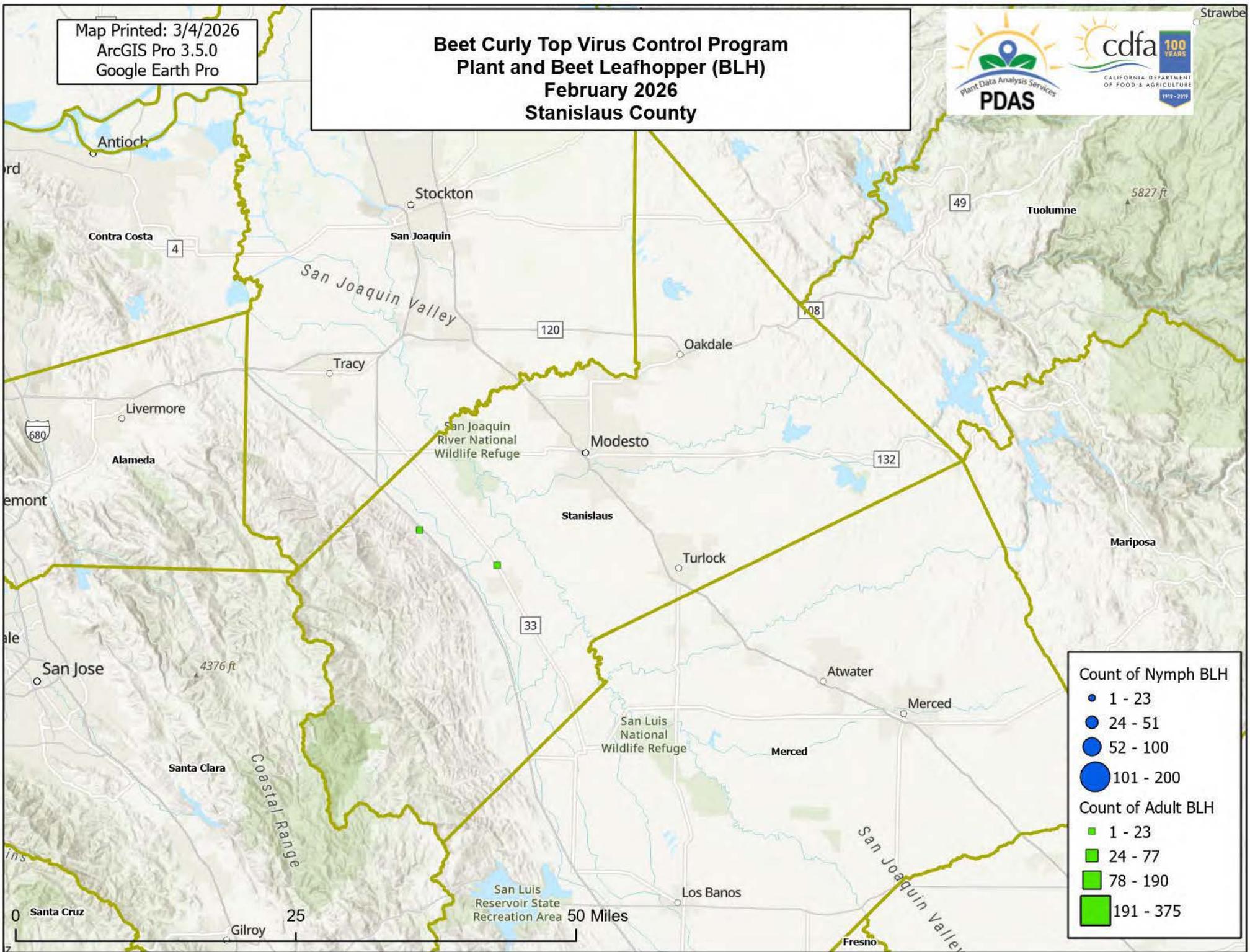
- 1 - 23
- 24 - 51
- 52 - 100
- 101 - 200

Count of Adult BLH

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

Map Printed: 3/4/2026
ArcGIS Pro 3.5.0
Google Earth Pro

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



Count of Nymph BLH

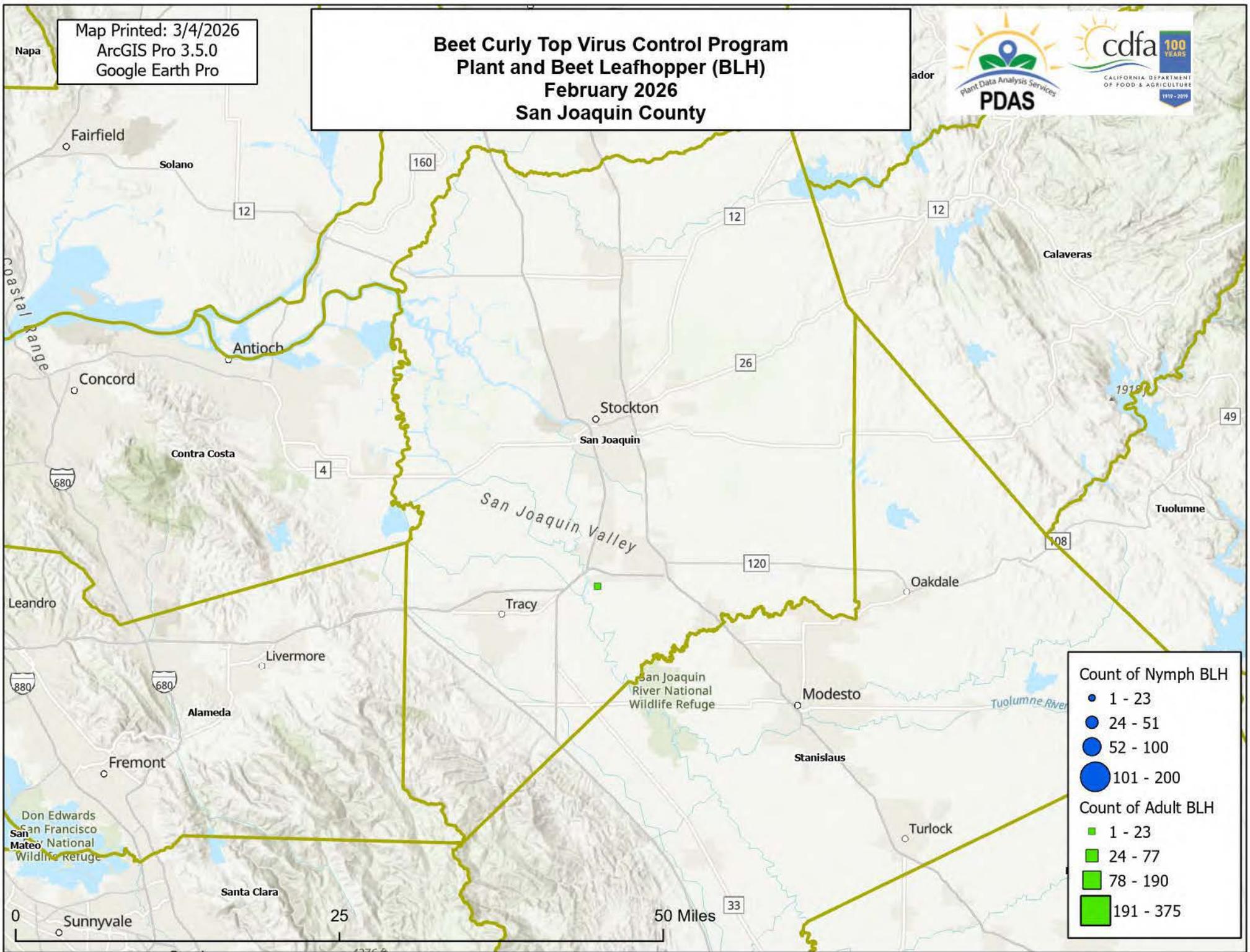
- 1 - 23
- 24 - 51
- 52 - 100
- 101 - 200

Count of Adult BLH

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

Map Printed: 3/4/2026
ArcGIS Pro 3.5.0
Google Earth Pro

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



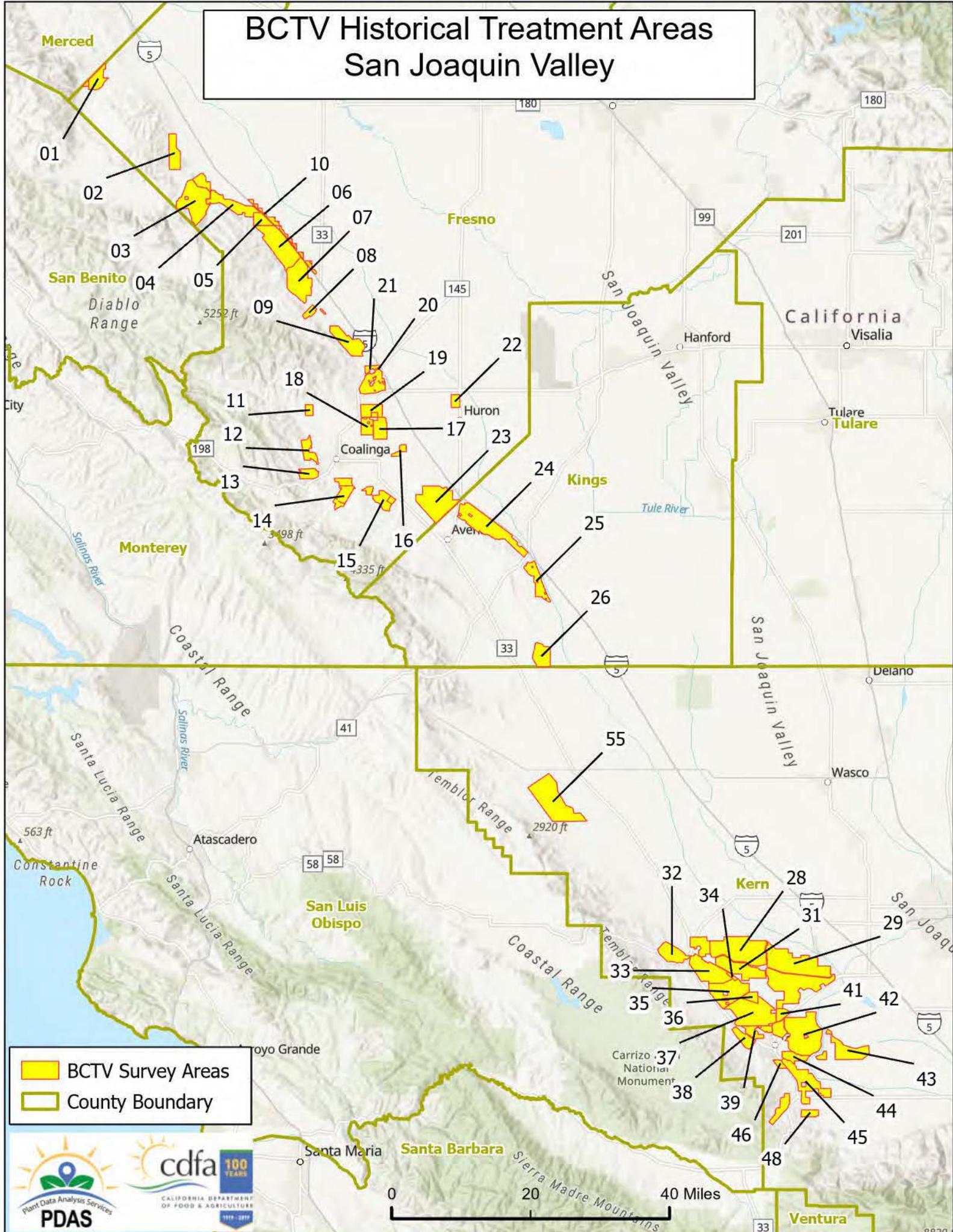
Count of Nymph BLH

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

Count of Adult BLH

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

BCTV Historical Treatment Areas San Joaquin Valley

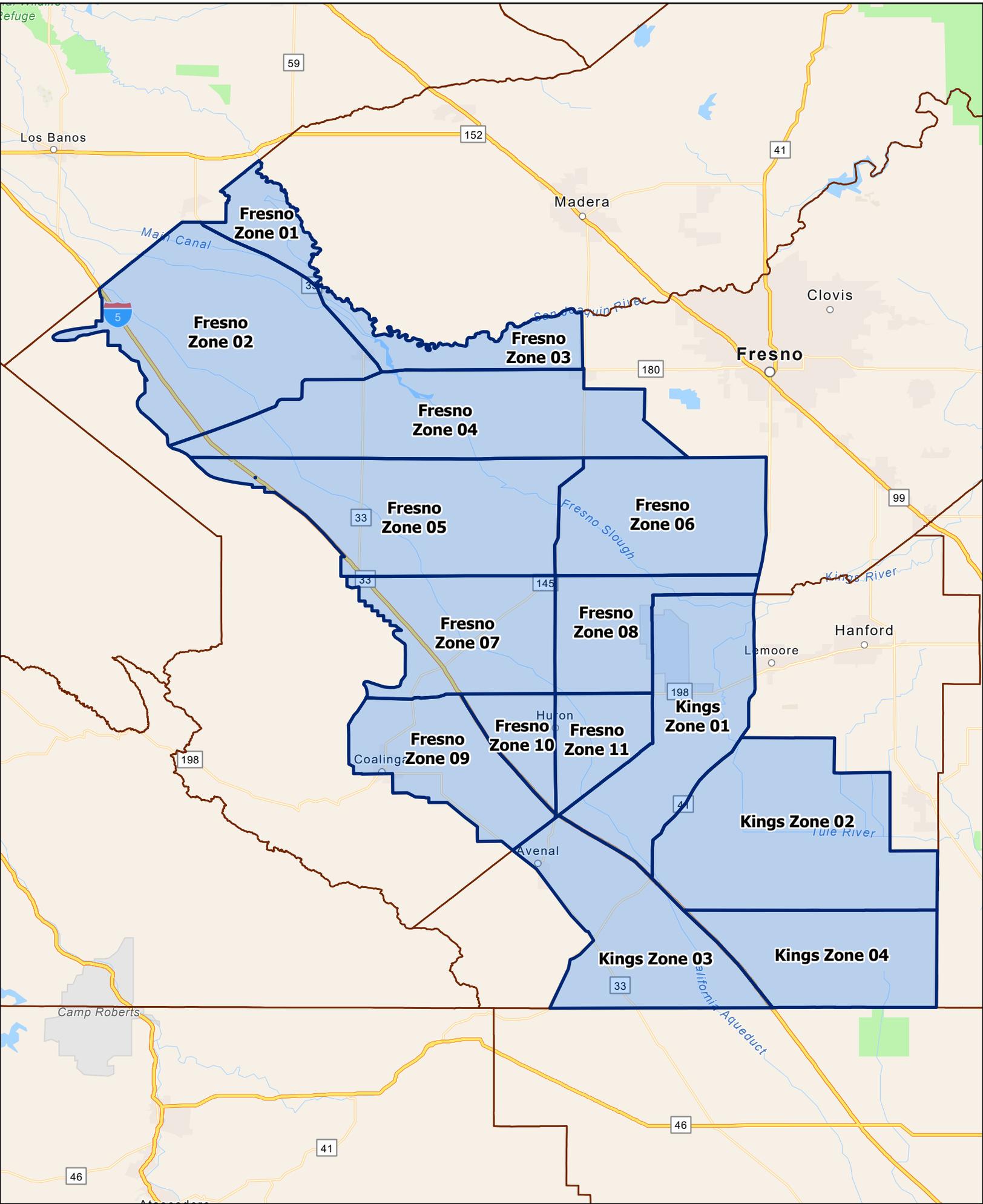


BCTV Survey Areas
 County Boundary

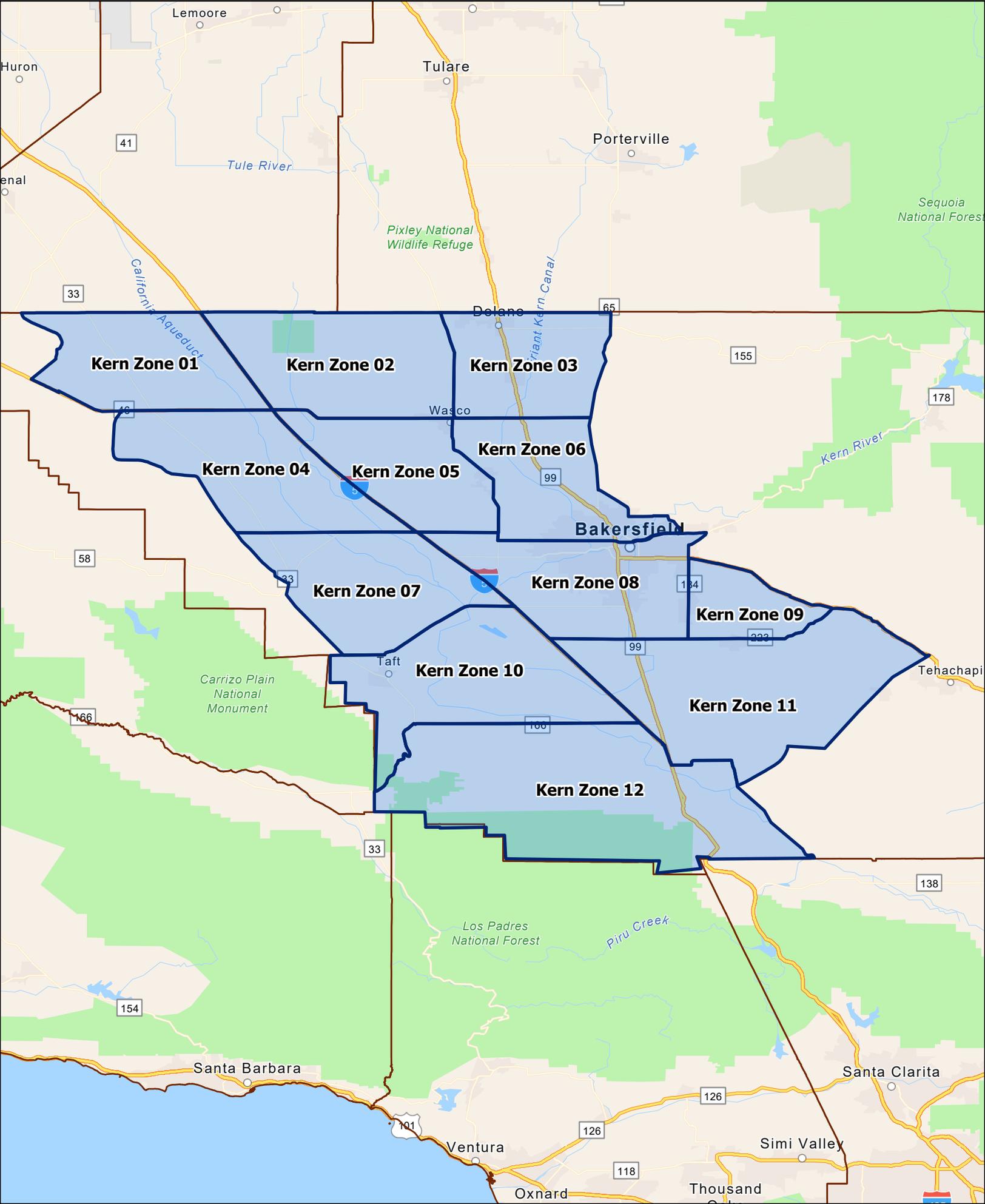


0 20 40 Miles

CTV Control Program Survey Zones Fresno & Kings Counties



CTV Control Program Survey Zones Kern County



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

