

Beet Curly Top Virus Control Program

Monthly Report

California Department of Food and Agriculture
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May 2026

Program Update

- In May, 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, Monterey, Riverside, Imperial and Yolo counties.
- BLH counts remained low in all survey areas statewide (0-1 BLH per sweep set).
- Commodity surveys have begun statewide. Program staff have continued to monitor roadside/fallow fields near commodities.
- Early Spring host vegetation like London Rocket, Mallow and Filaree are experiencing die off and summer host vegetation has become more prominent. Commonly observed host vegetation is Lamb's Quarter, Mallow, Mustard, Pig Weed, Russian Thistle, Bassia, Goosefoot, Kochia, and Bindweed.
- Commodities surveyed were Beans, Hemp, Melons, Peppers, Squash, and Tomatoes. The state average for CTV damage is under 1%.
- 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

May County Average BLH Counts				
County	2023	2024	2025	2026
Fresno	1.4	2.8	1.2	0.6
Kings	2.4	3.3	1.7	0.8
Kern	0.6	0.4	1.6	0.8
Madera	0	0.07	0.3	0.1
Merced	0.1	0.2	0.5	0.1
Butte	0.7	0.3	-	0.9
Colusa	0.03	0.2	1.7	0.5
Glenn	0.3	0	1.1	0.1
Sacramento	0.5	0	0	-
San Joaquin	0	0.1	0.8	0
Stanislaus	0.2	-	0.3	0.02
Sutter	0.5	0.3	0.4	0.8
Solano	0.5	0.04	0.4	0.3
Yolo	0.06	0	0.5	1.2
Imperial	0.8	15.9	0.5	1.5
Monterey	-	0.01	0.08	0.1
Riverside	0.09	2.9	0.2	3.0

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, Russian Thistle, Bindweed, and London Rocket.
- 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	5/1-5/31	1.2
Fresno Zone 02	5/1-5/31	0.2
Fresno Zone 04	5/1-5/31	0.04
Fresno Zone 05	5/1-5/31	0.3
Fresno Zone 07	5/1-5/31	0.7
Fresno Zone 09	5/1-5/31	1.1

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 Mallow, Mustards, Lamb's Quarter, Russian Thistle, Pig Weed, Goosefoot and Bassia.
- 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	5/1-5/31	0.4
Kern Zone 04	5/1-5/31	0.8
Kern Zone 05	5/1-5/31	2.1
Kern Zone 06	5/1-5/31	0
Kern Zone 07	5/1-5/31	0.8
Kern Zone 09	5/1-5/31	0.4

Kern Zone 10	5/1-5/31	1.6
Kern Zone 11	5/1-5/31	0

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 Russian Thistle and London Rocket.
- 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>
Kings Zone 01	5/1-5/31	0.6
Kings Zone 03	5/1-5/31	0.9

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, Bassia, Pig Weed, 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	5/1-5/31	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, Russian Thistle, Mallow, and Bassia.
- 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	5/1-5/31	0.1

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 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	5/1-5/31	0.5

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 Mustards 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	5/1-5/31	1.2

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, Kochia, Clover, 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	5/1-5/31	0.8

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, and Filaree.
- 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	5/1-5/31	0.1

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 Filaree and Plantago.
- 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	5/1-5/31	0.9

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 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	5/1-5/31	0.3

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, 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	5/1-5/31	0.02

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.

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 Kochia, 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	5/1-5/31	0

Imperial 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 0-2 BLH per sweep set.
- Host vegetation surveyed included Mallow, Salt Bush, Lamb's Quarter, Salt Grass, and Arrowweed.
- A map identifying the location of BLH counts is provided at the end of the report.

Imperial County BLH Survey		
<u>Location</u>	<u>Date</u>	<u>Average # of BLH per sweep set</u>
Imperial Zone 01	5/1-5/31	1.5

Monterey 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, Filaree, Russian Thistle, Goosefoot.
- A map identifying the location of BLH counts is provided at the end of the report.

Monterey County BLH Survey		
<u>Location</u>	<u>Date</u>	<u>Average # of BLH per sweep set</u>
Monterey Zone 01	5/1-5/31	0.1

Riverside County

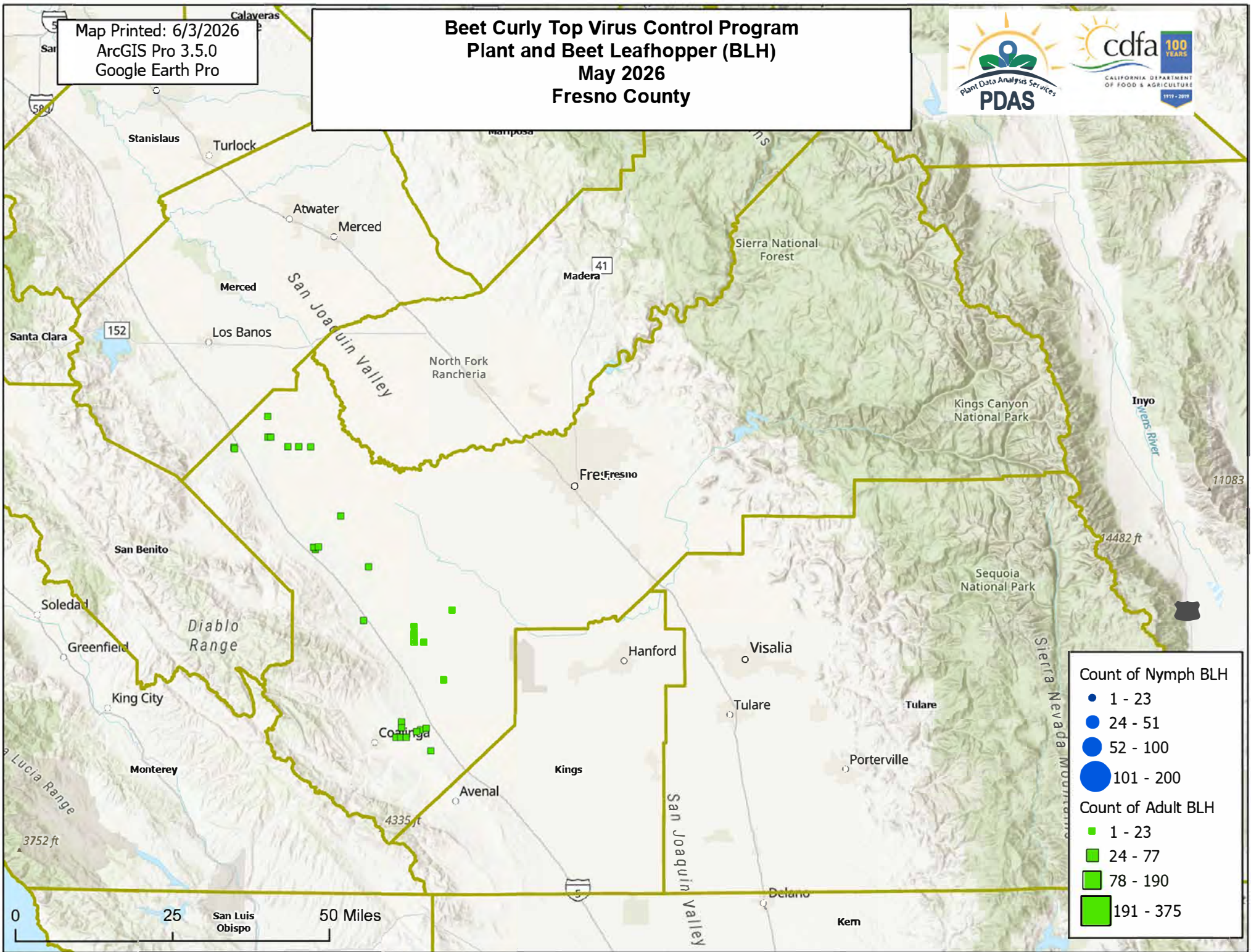
- BLH population surveys were conducted in fallow fields and roadsides within five miles of the foothills.
- Overall counts remained very low throughout the survey areas, averaging 0-3 BLH per sweep set.
- Host vegetation surveyed included Salt Bush, Bassia, Russian Thistle.
- A map identifying the location of BLH counts is provided at the end of the report.

Riverside County BLH Survey		
<u>Location</u>	<u>Date</u>	<u>Average # of BLH per sweep set</u>
Riverside Zone 01	5/1-5/31	3.0

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www.cdfa.ca.gov/subscriptions/

Map Printed: 6/3/2026
ArcGIS Pro 3.5.0
Google Earth Pro

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



Count of Nymph BLH

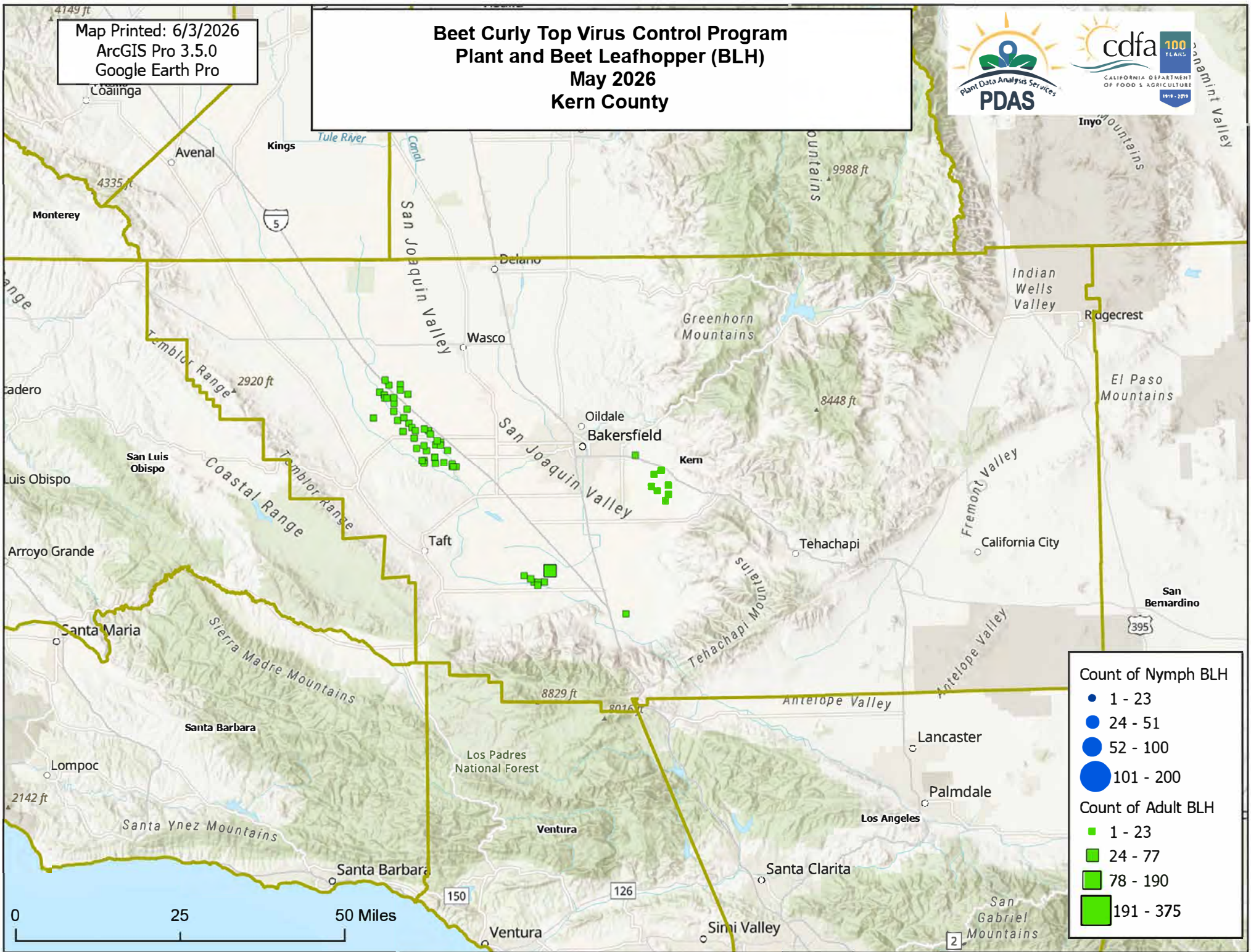
- 1 - 23
- 24 - 51
- 52 - 100
- 101 - 200

Count of Adult BLH

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

Map Printed: 6/3/2026
ArcGIS Pro 3.5.0
Google Earth Pro

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



Count of Nymph BLH

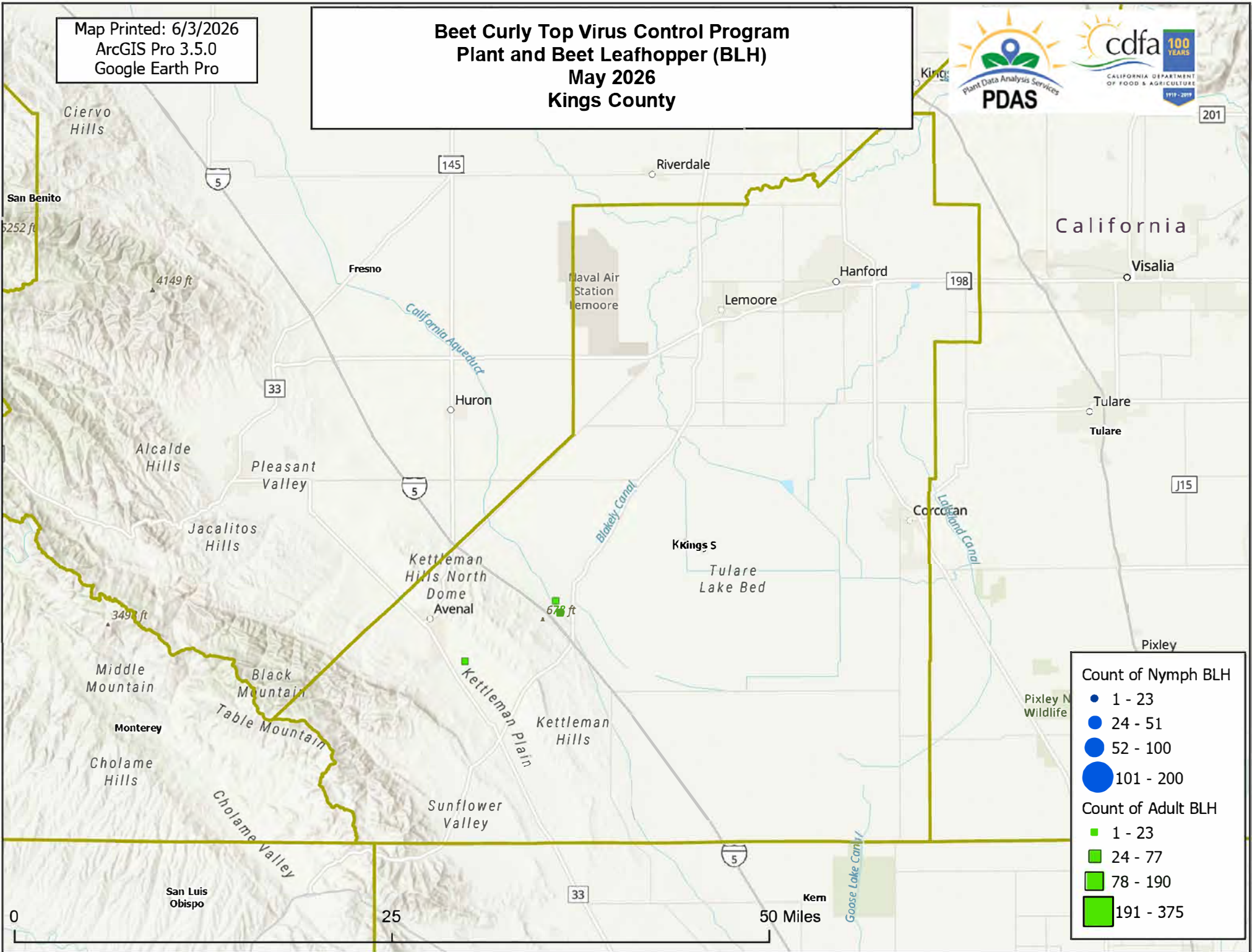
- 1 - 23
- 24 - 51
- 52 - 100
- 101 - 200

Count of Adult BLH

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

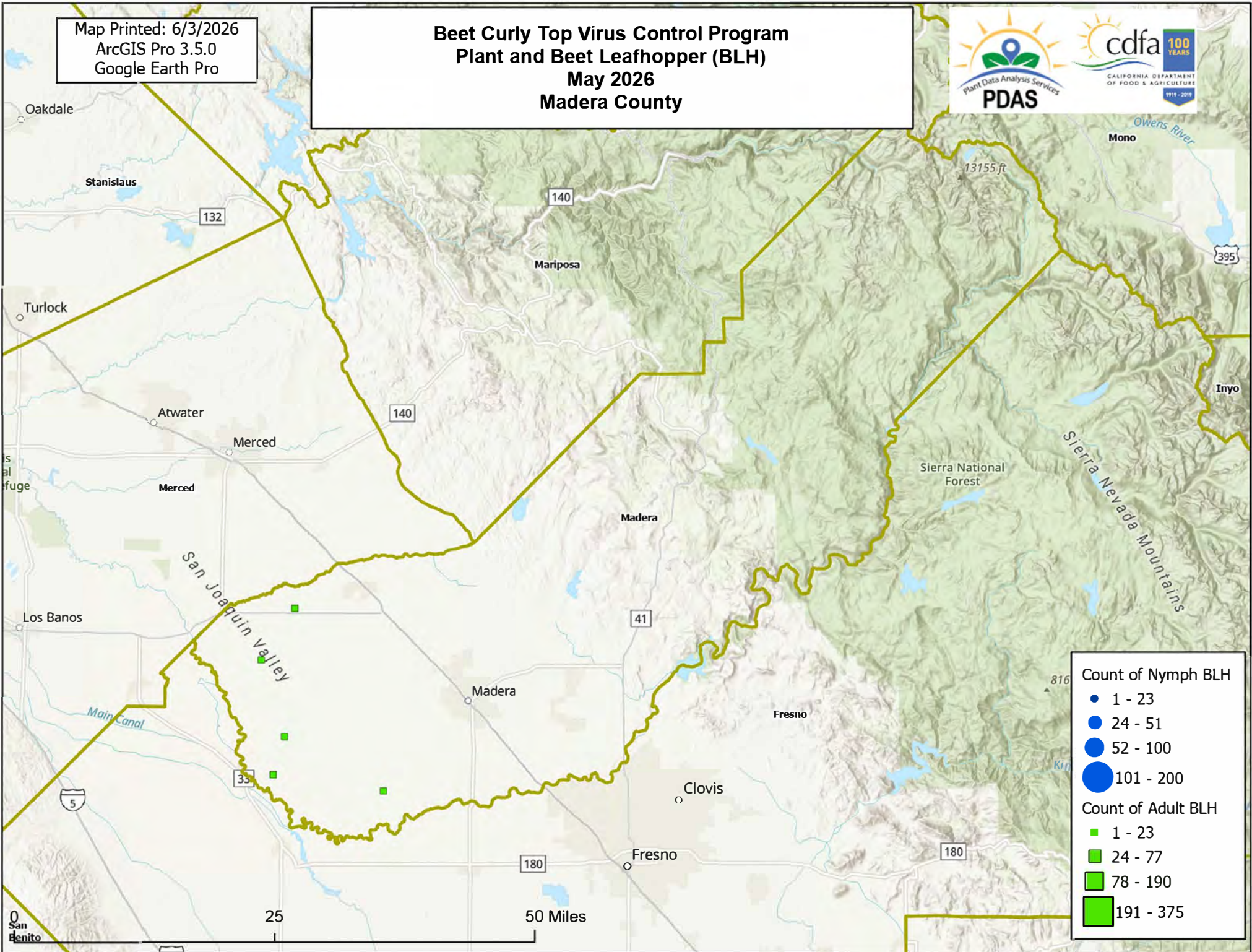
Map Printed: 6/3/2026
ArcGIS Pro 3.5.0
Google Earth Pro

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



Map Printed: 6/3/2026
ArcGIS Pro 3.5.0
Google Earth Pro

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



Count of Nymph BLH

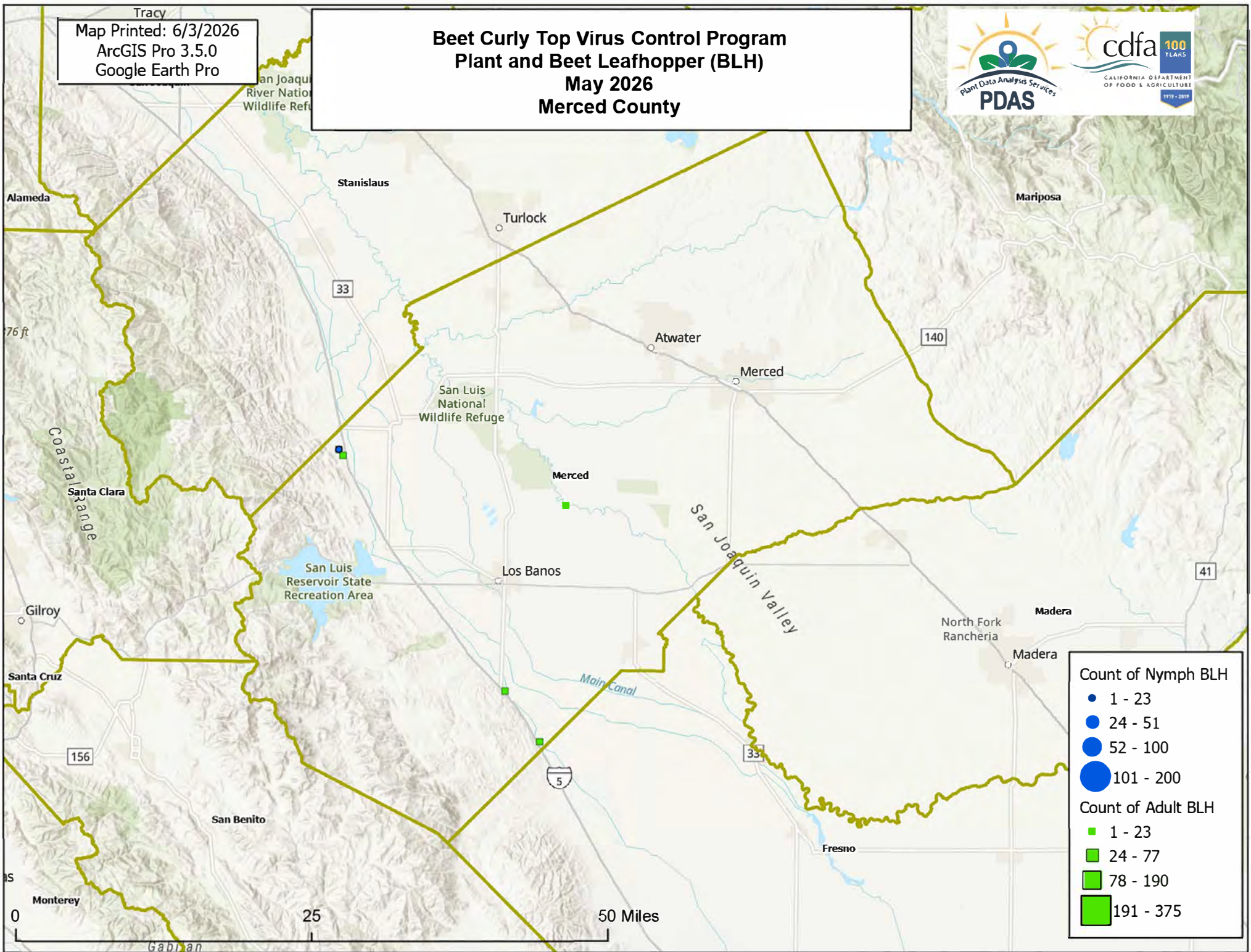
- 1 - 23
- 24 - 51
- 52 - 100
- 101 - 200

Count of Adult BLH

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

Map Printed: 6/3/2026
ArcGIS Pro 3.5.0
Google Earth Pro

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



Count of Nymph BLH

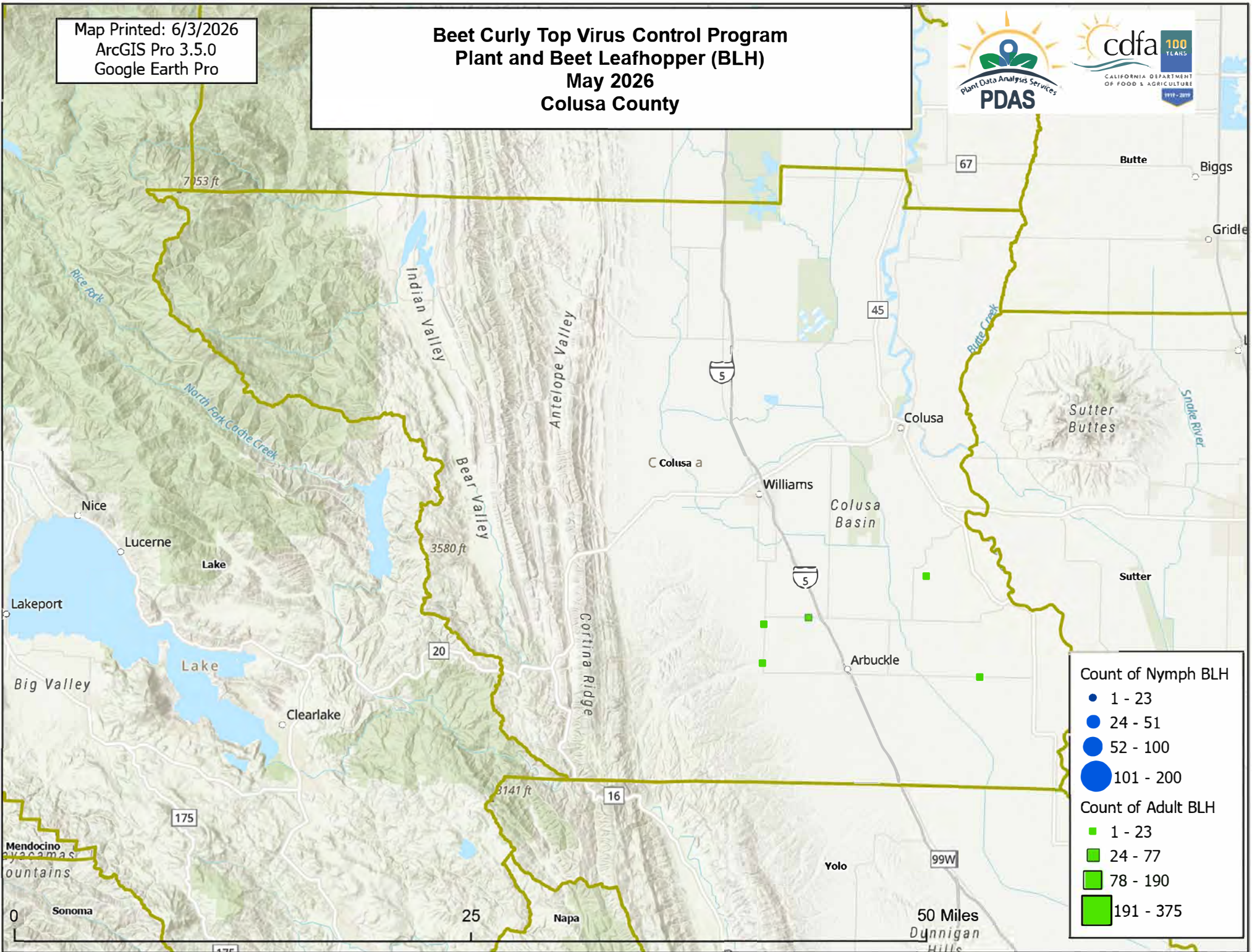
- 1 - 23
- 24 - 51
- 52 - 100
- 101 - 200

Count of Adult BLH

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

Map Printed: 6/3/2026
ArcGIS Pro 3.5.0
Google Earth Pro

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



Count of Nymph BLH

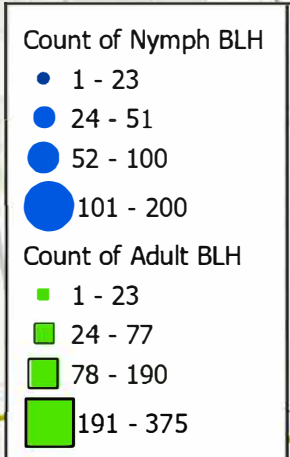
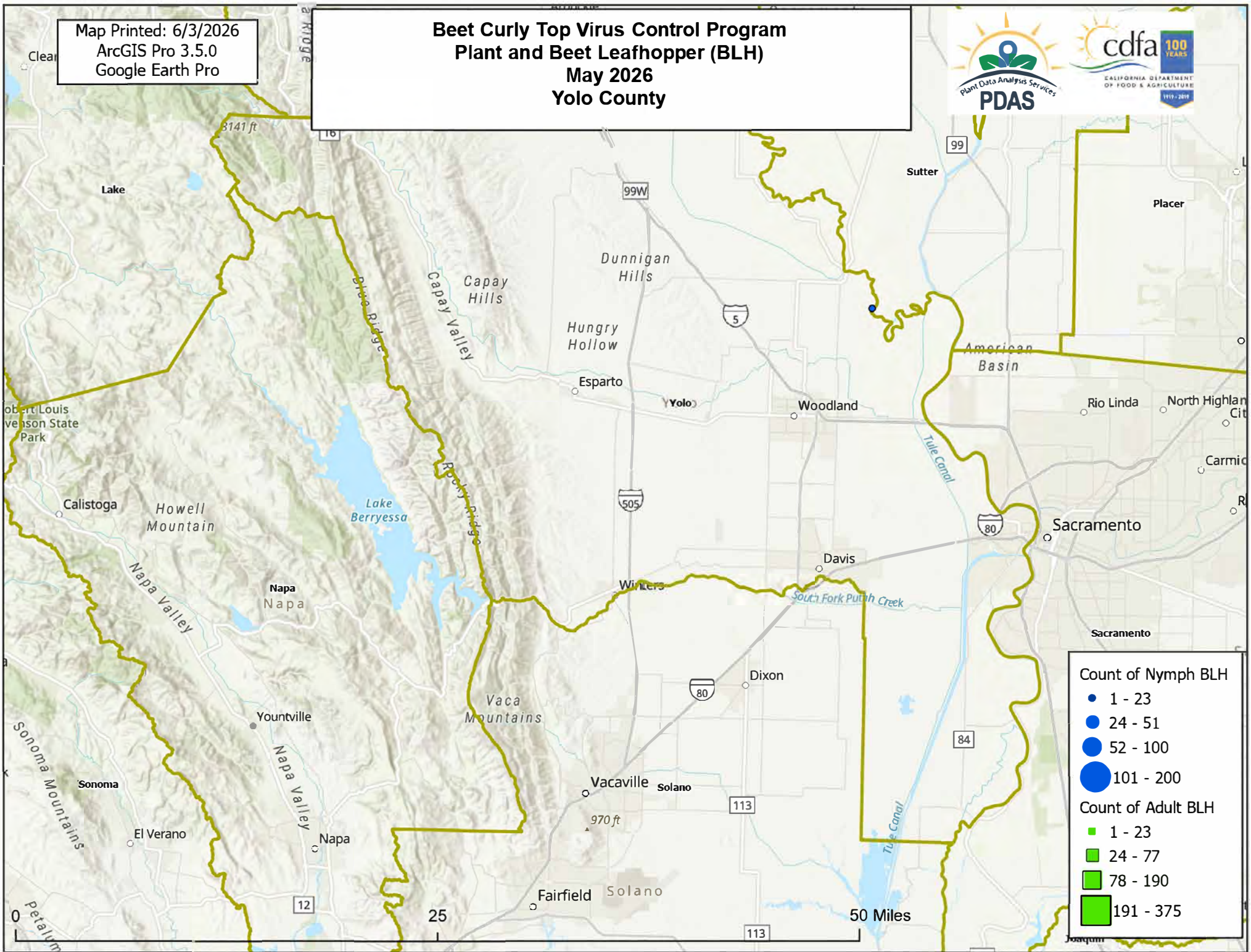
- 1 - 23
- 24 - 51
- 52 - 100
- 101 - 200

Count of Adult BLH

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

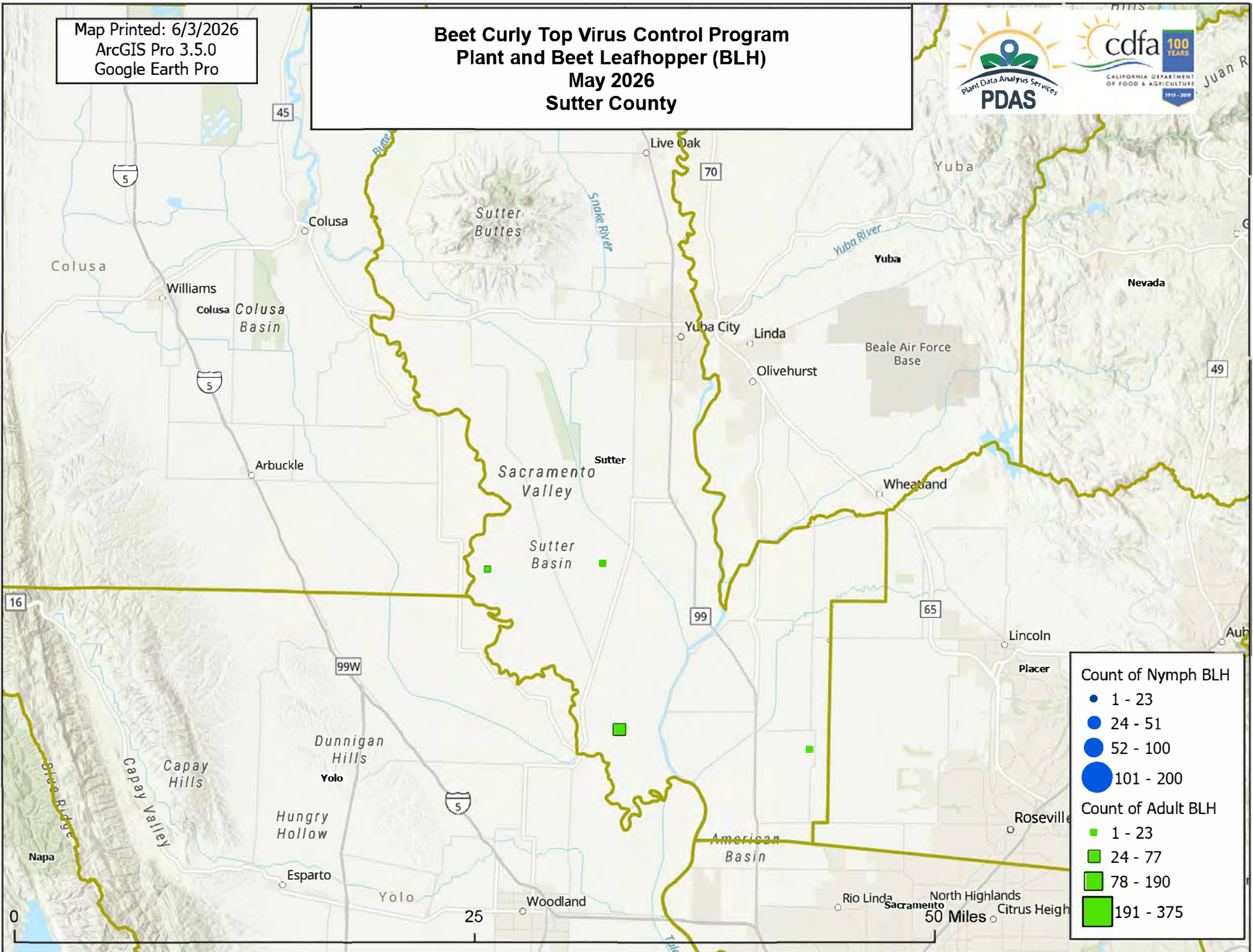
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ArcGIS Pro 3.5.0
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Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) May 2026 Yolo County



Map Printed: 6/3/2026
ArcGIS Pro 3.5.0
Google Earth Pro

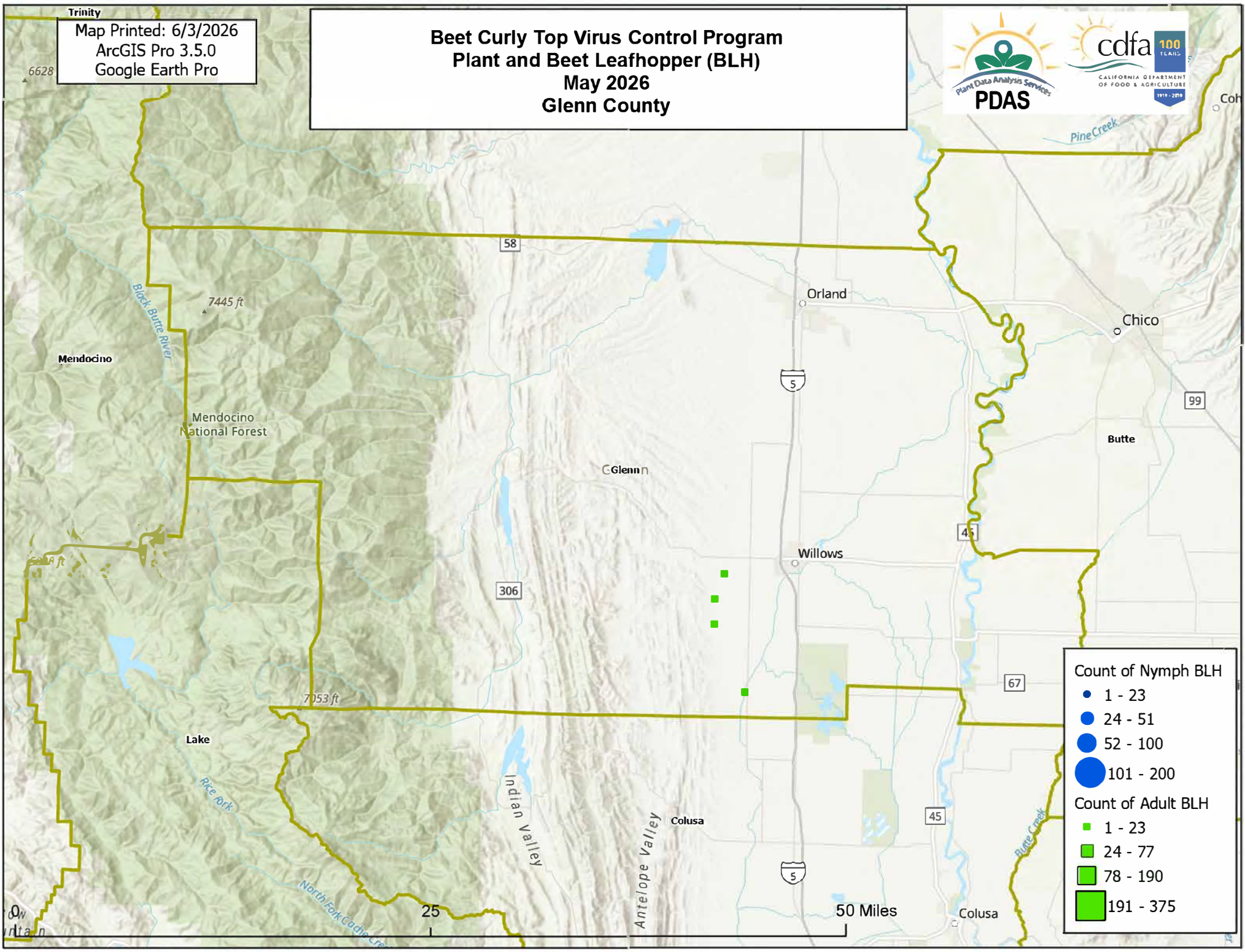
Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) May 2026 Sutter County



Trinity

Map Printed: 6/3/2026
ArcGIS Pro 3.5.0
Google Earth Pro

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



Count of Nymph BLH

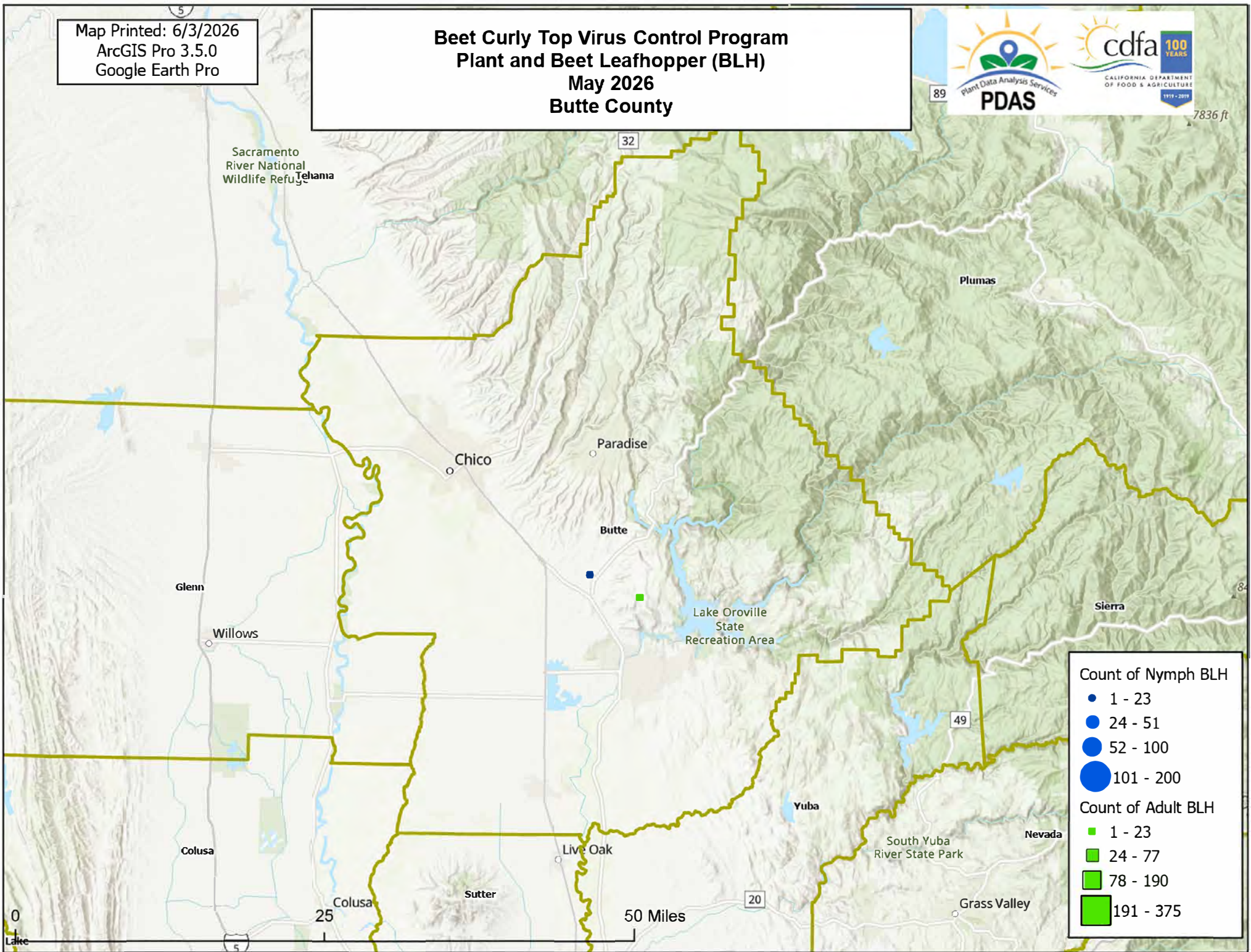
- 1 - 23
- 24 - 51
- 52 - 100
- 101 - 200

Count of Adult BLH

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

Map Printed: 6/3/2026
ArcGIS Pro 3.5.0
Google Earth Pro

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



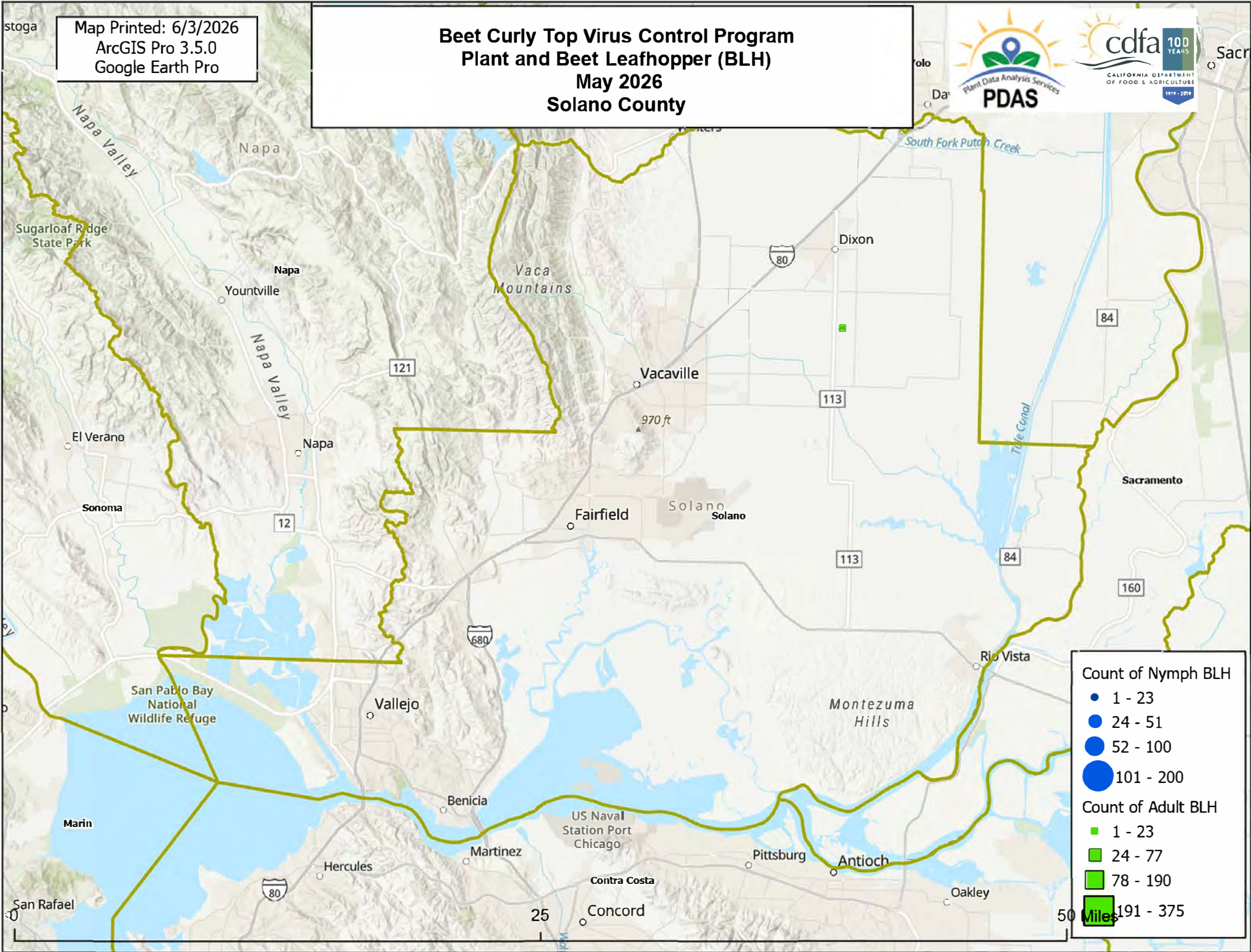
Count of Nymph BLH

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

Count of Adult BLH

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

0 25 50 Miles



Map Printed: 6/3/2026
 ArcGIS Pro 3.5.0
 Google Earth Pro

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



Count of Nymph BLH

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

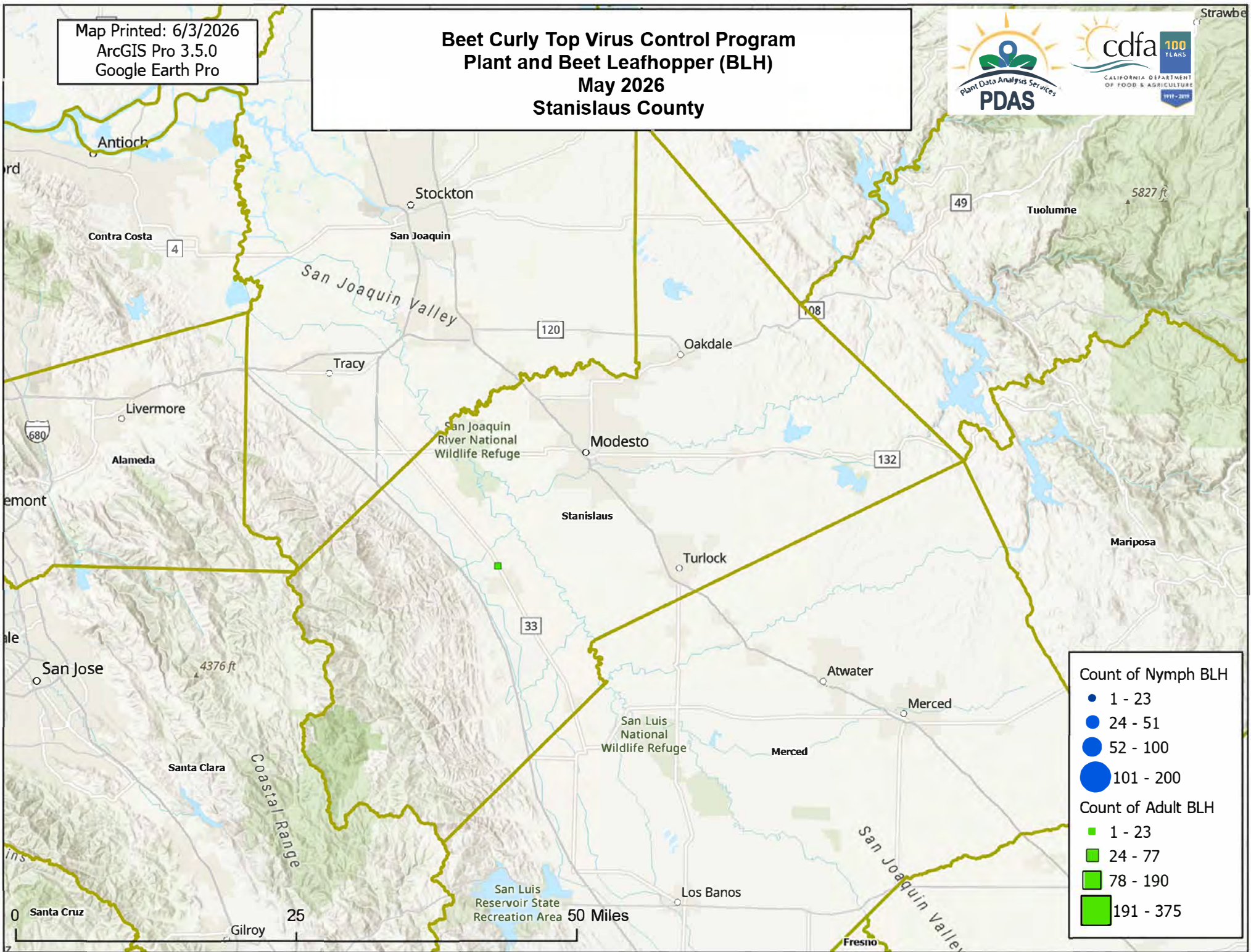
Count of Adult BLH

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

50 Miles

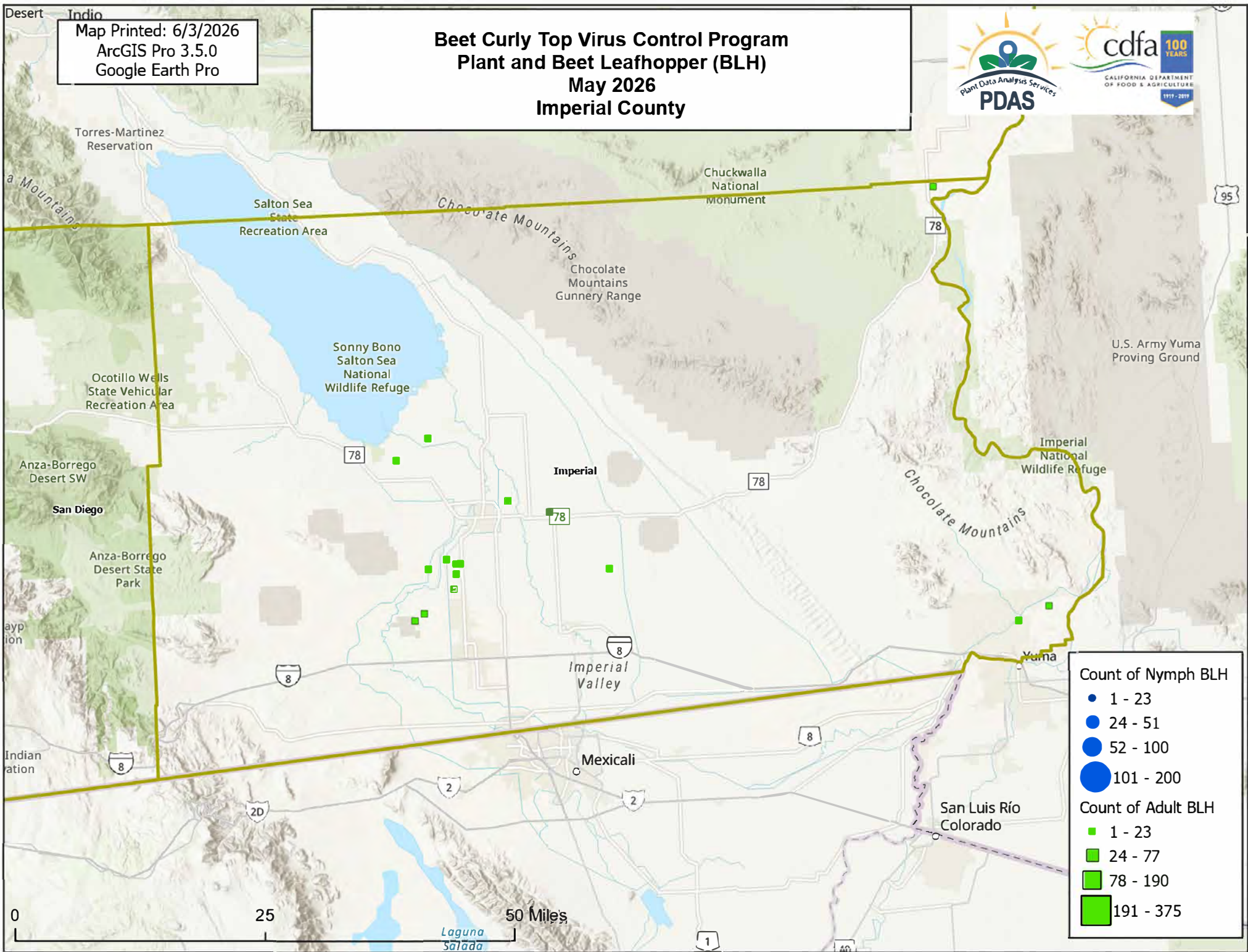
Map Printed: 6/3/2026
ArcGIS Pro 3.5.0
Google Earth Pro

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



Map Printed: 6/3/2026
ArcGIS Pro 3.5.0
Google Earth Pro

Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) May 2026 Imperial County



Count of Nymph BLH

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

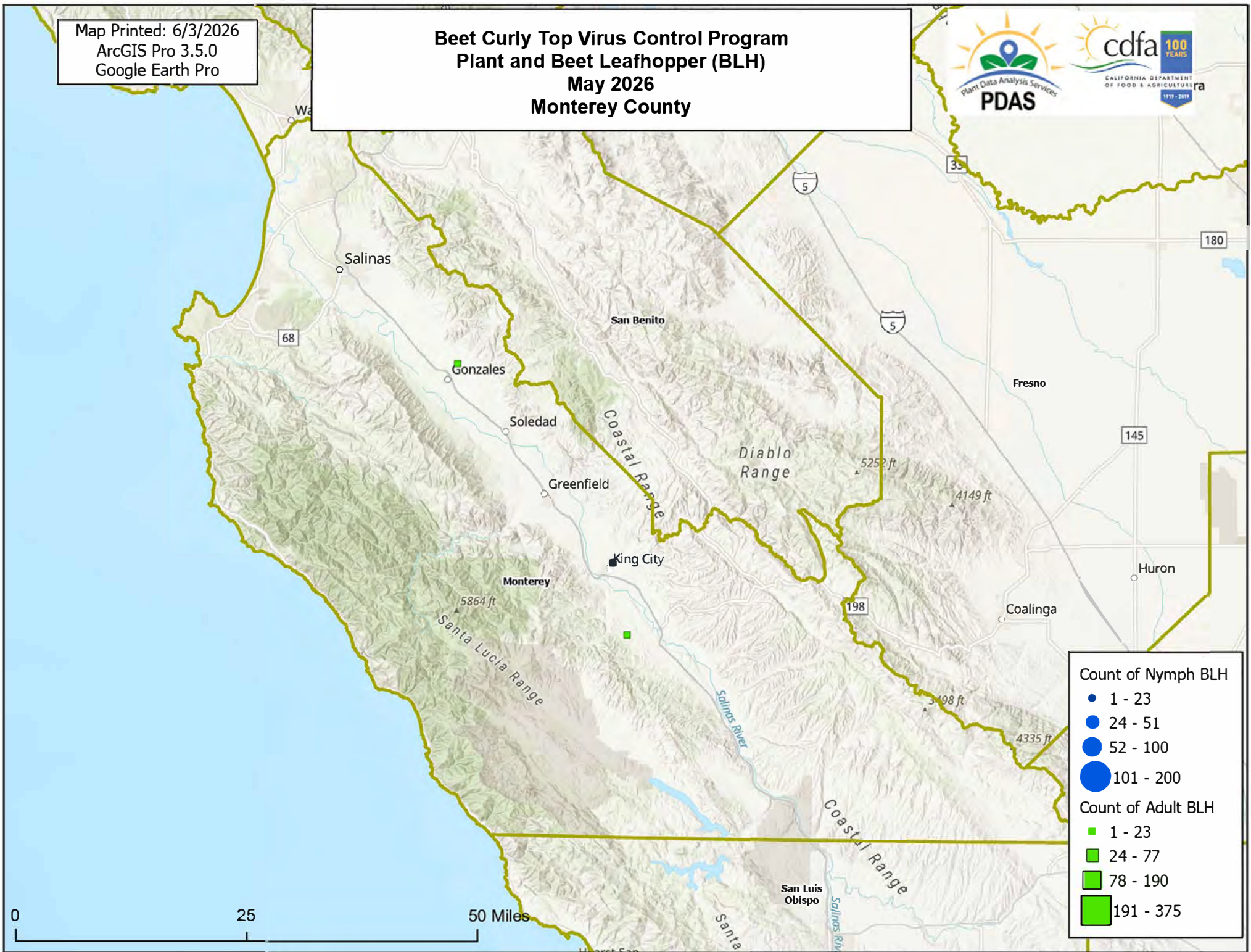
Count of Adult BLH

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

0 25 50 Miles
Laguna Salada

Map Printed: 6/3/2026
ArcGIS Pro 3.5.0
Google Earth Pro

Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) May 2026 Monterey County



Count of Nymph BLH

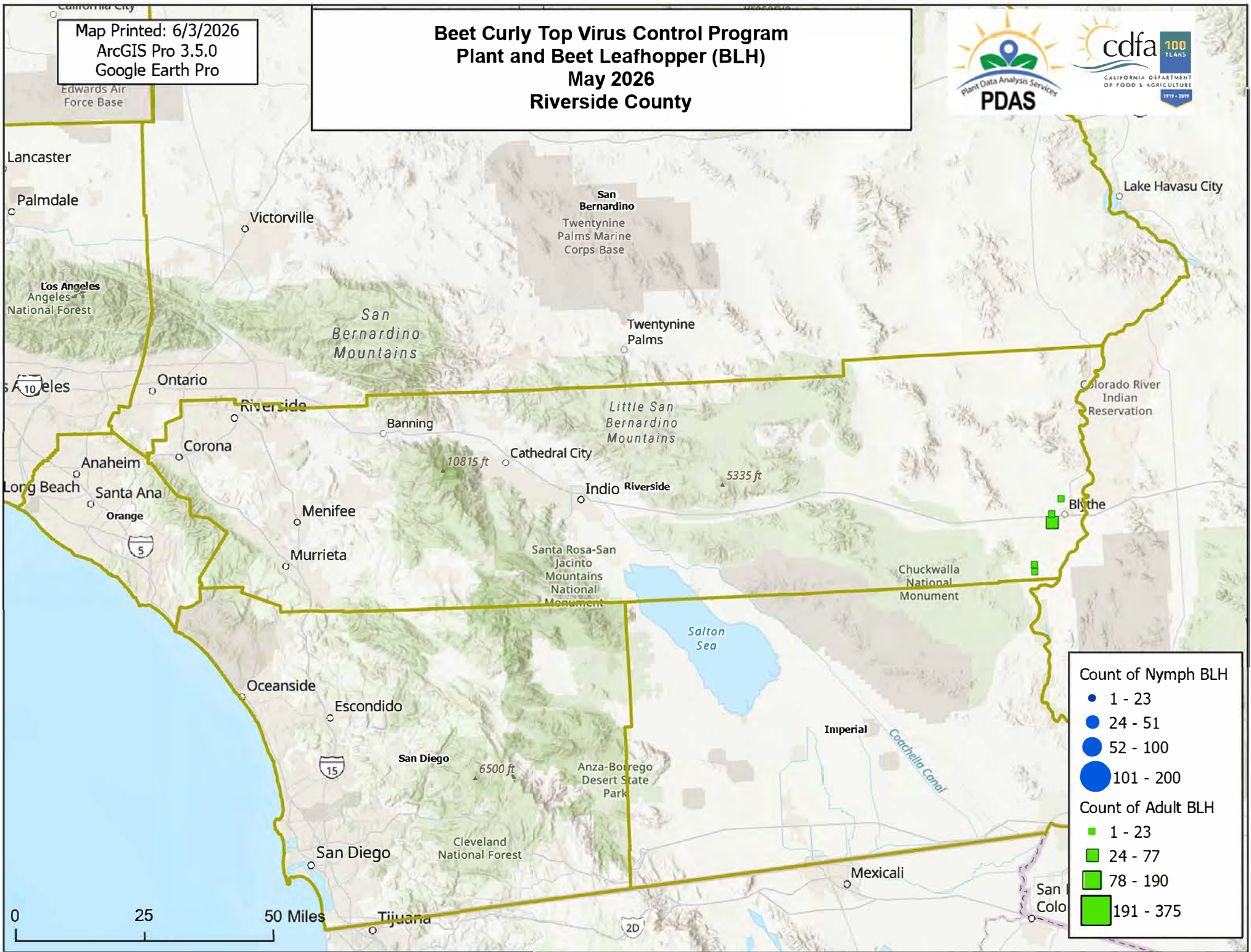
- 1 - 23
- 24 - 51
- 52 - 100
- 101 - 200

Count of Adult BLH

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

Map Printed: 6/3/2026
ArcGIS Pro 3.5.0
Google Earth Pro

Beet Curly Top Virus Control Program Plant and Beet Leafhopper (BLH) May 2026 Riverside County



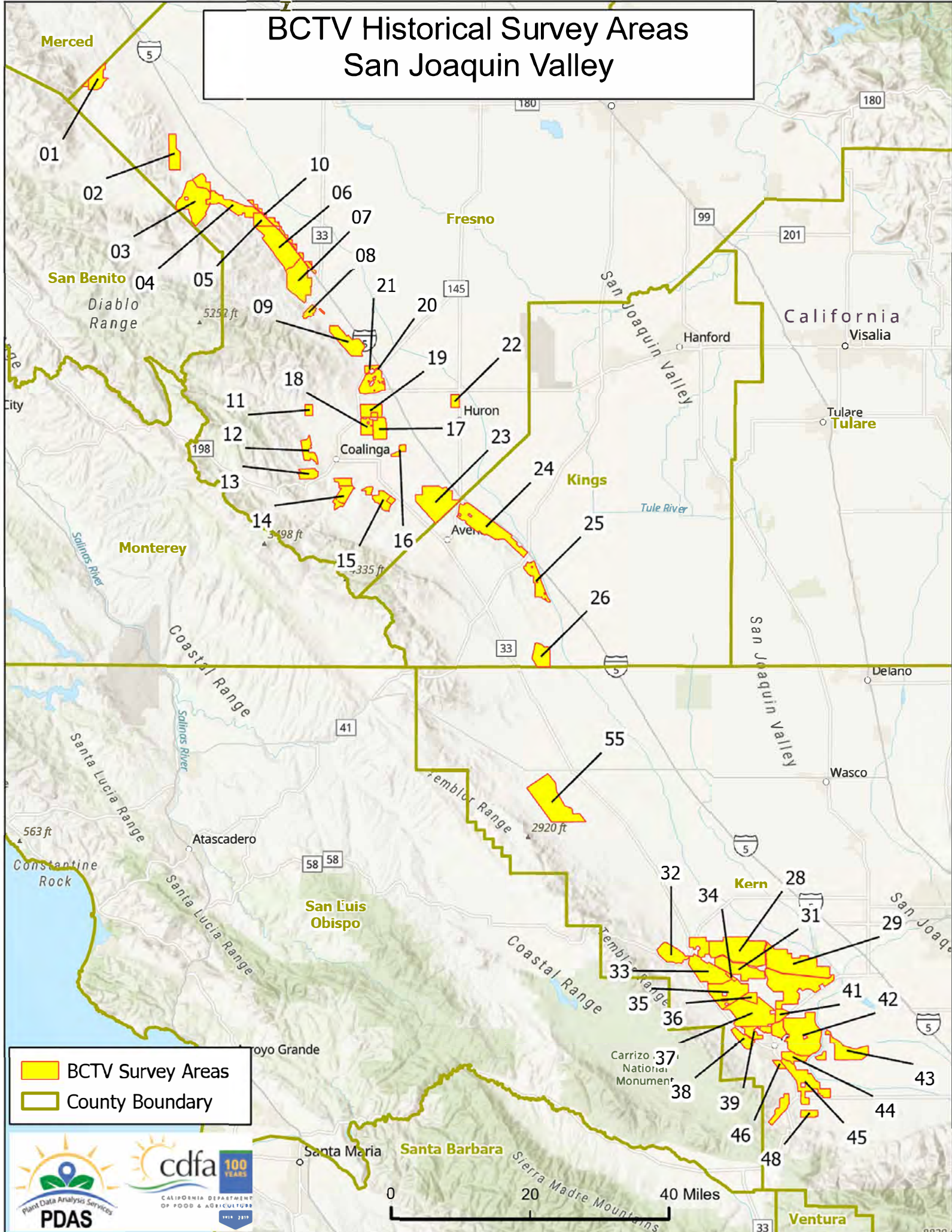
Count of Nymph BLH



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

Count of Adult BLH

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

BCTV Historical Survey Areas San Joaquin Valley

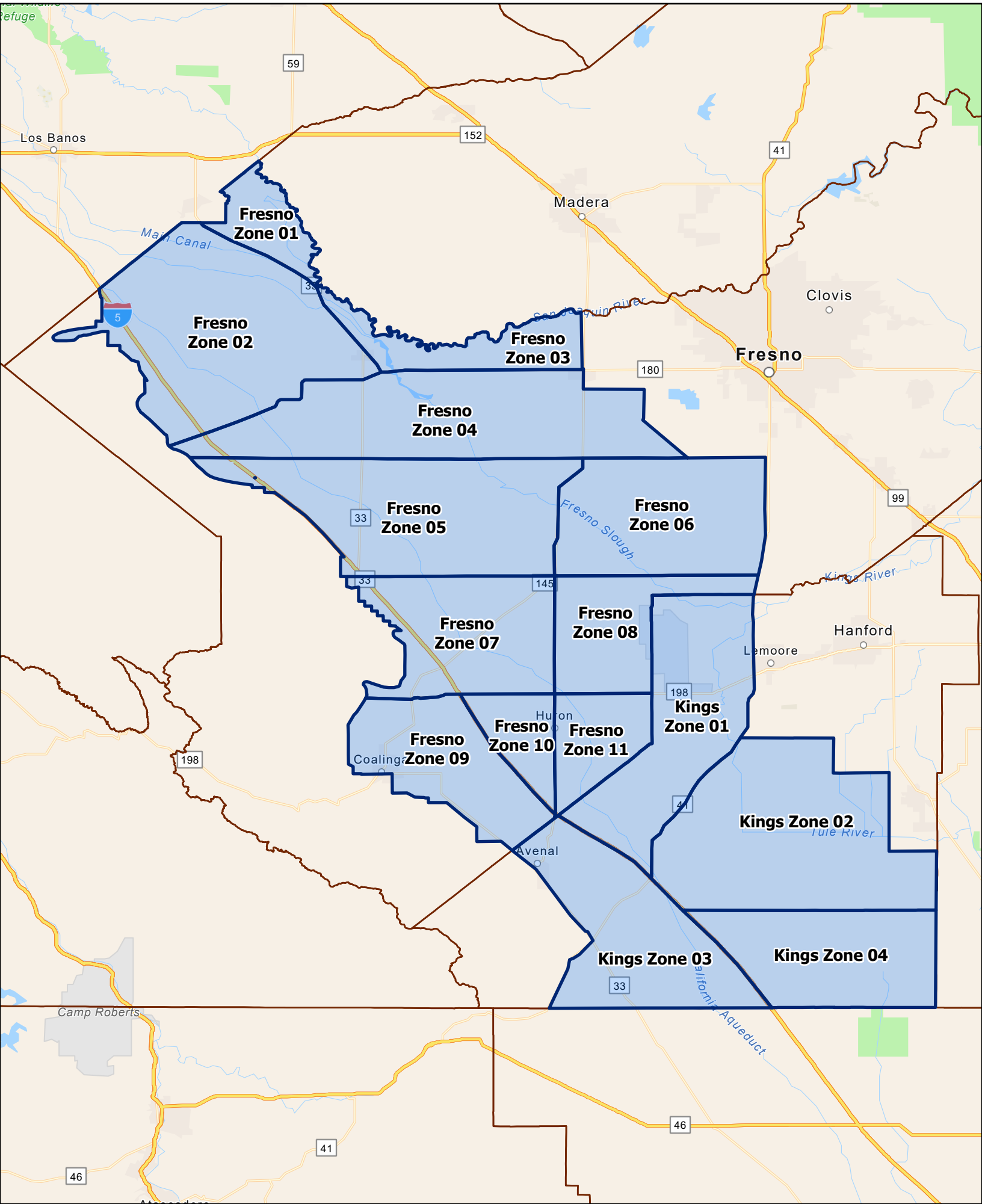


 BCTV Survey Areas
 County Boundary

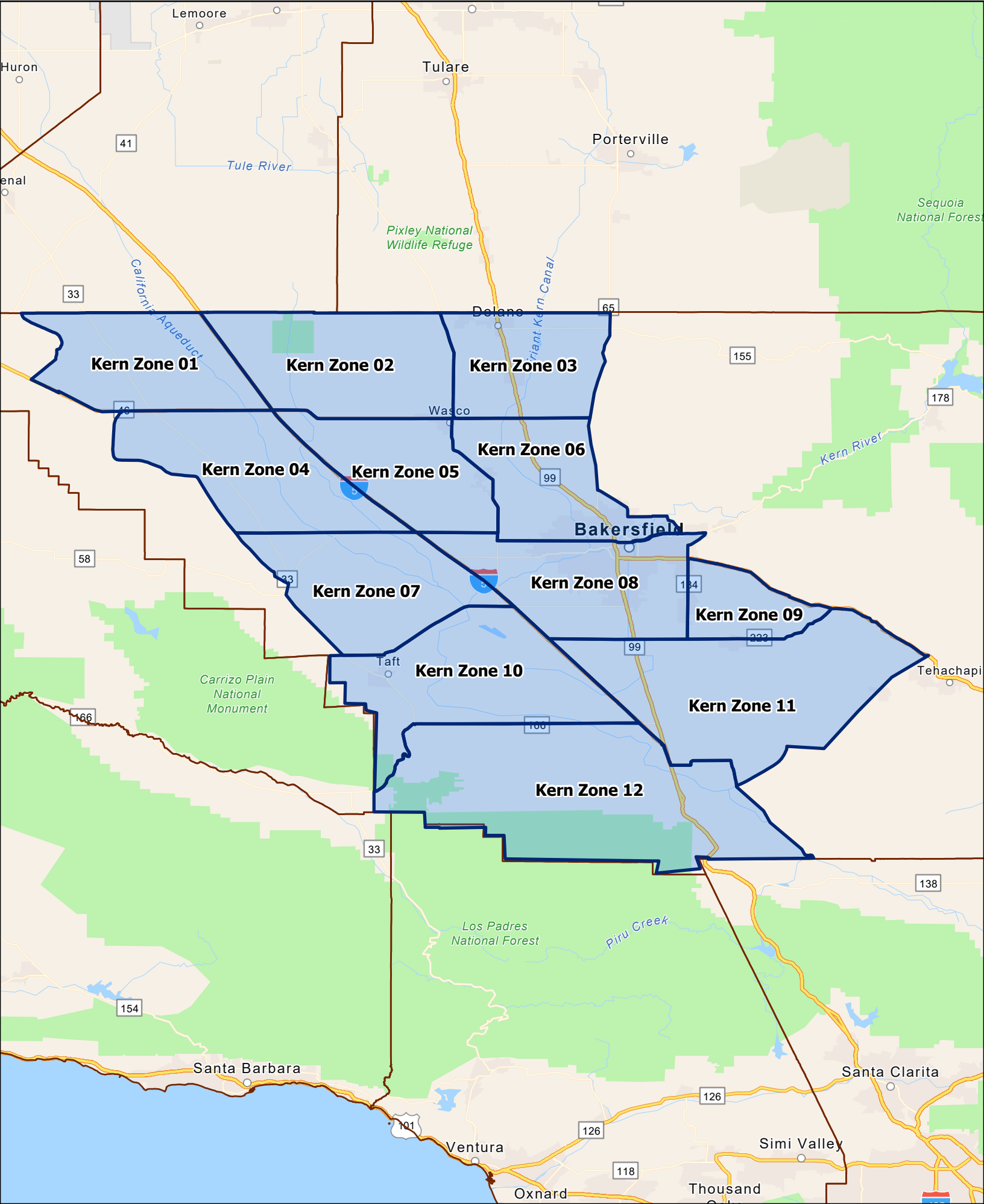


0 20 40 Miles

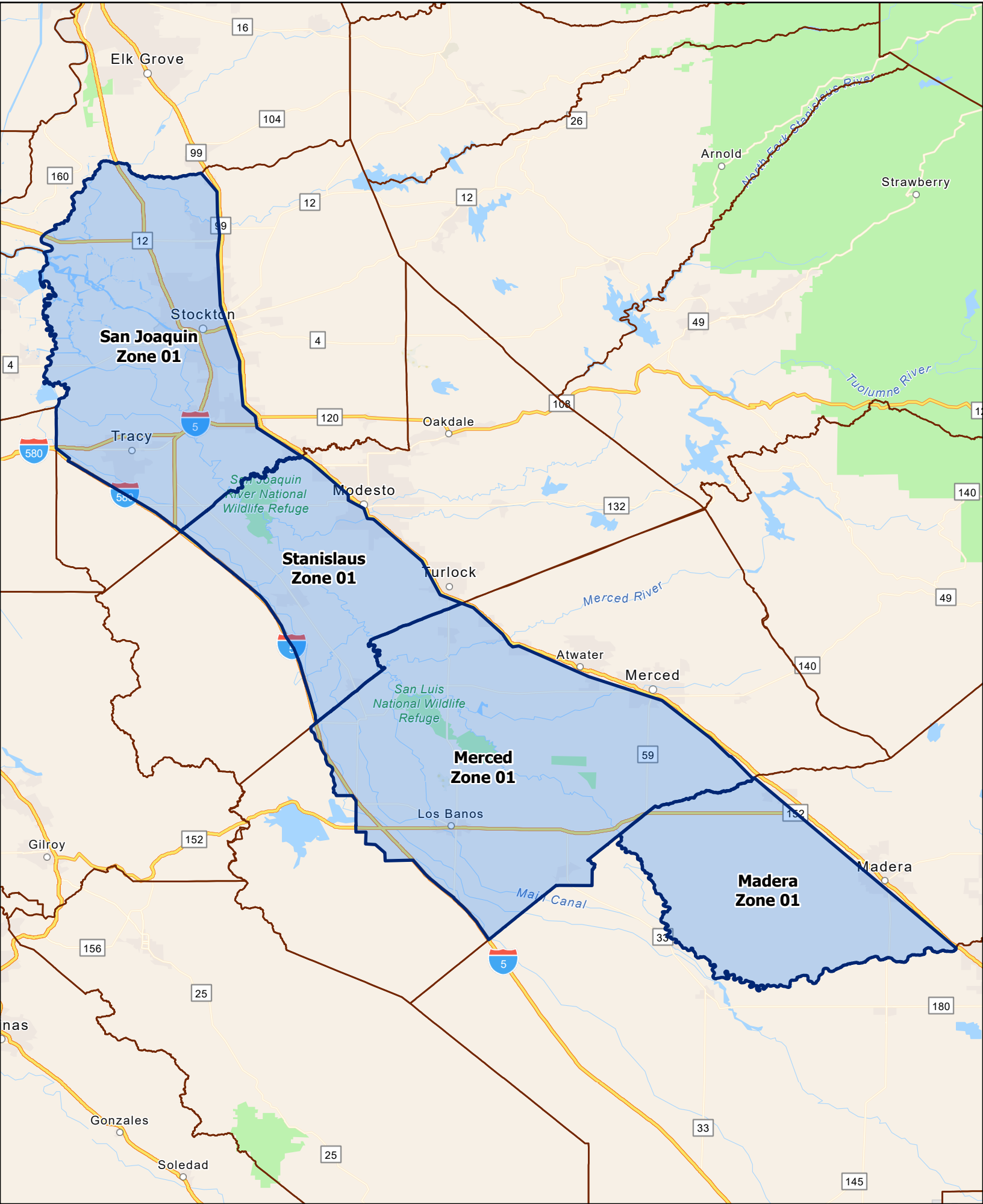
CTV Control Program Survey Zones Fresno & Kings Counties



CTV Control Program Survey Zones Kern County



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



CTV Control Program Survey Zones Sacramento Valley

