



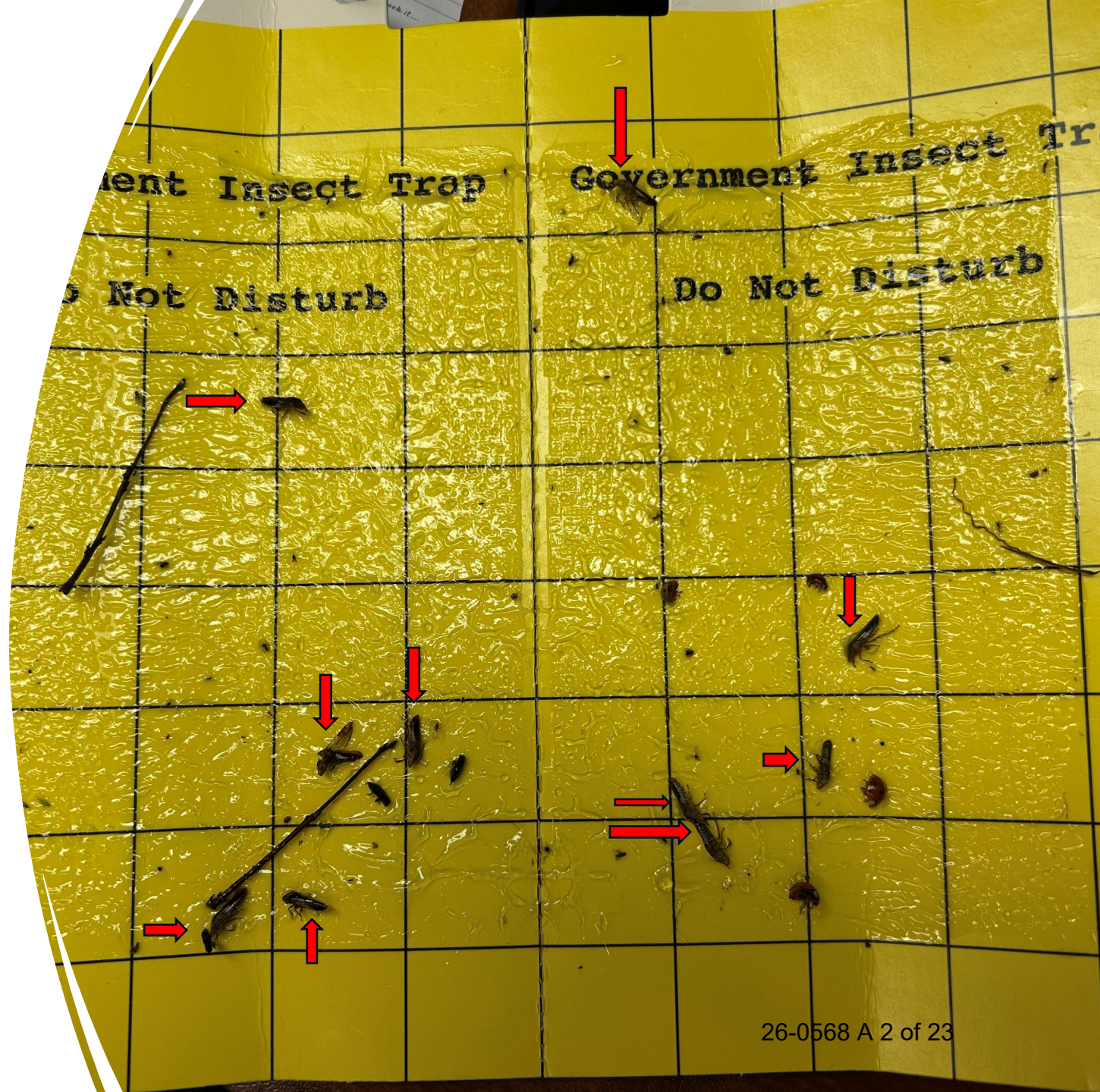
GLASSY – WINGED SHARPSHOOTER (GWSS) ERADICATION

EL DORADO COUNTY

AGRICULTURAL COMMISSIONER'S OFFICE

Pest Detection

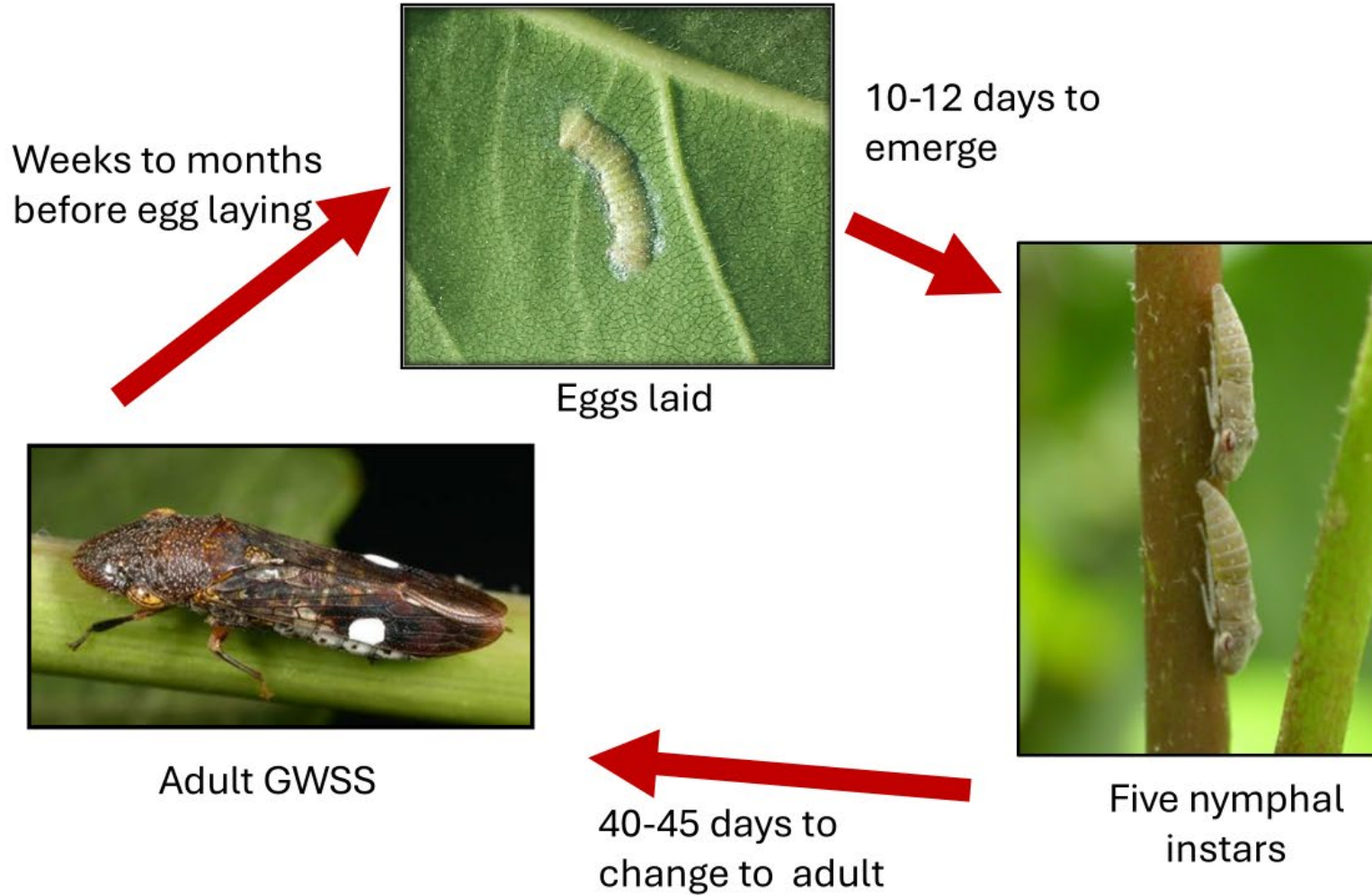
- Early detection and prompt eradication of serious agricultural pests.
- Over 1,000 traps in El Dorado County each detection season
- Invasive fruit flies, spongy moth, Japanese beetle, glassy-winged sharpshooter
- October 2024 two GWSS were trapped in El Dorado Hills





Life cycle of the Glassy-winged Sharpshooter (GWSS)

(2 generations per year)



Pierce's Disease

- Caused by bacterium *Xylella fastidiosa*.
- Bacteria clogs the water-conducting vessels in affected plants.
- Causes vine death in 2-5 years.
- No known cure for Pierce's Disease.





Stopping the spread of GWSS in El Dorado County

- Prevention
 - Detection – trapping and visual surveys
 - Nursery stock inspections
- Eradication
 - Delimitation Trapping
 - Biocontrol agents
 - Urban treatments



WINE GRAPES

CROP	YEAR	ACREAGE	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	VALUE PER UNIT**	TOTAL VALUE***
Bearing Red	2024	2,146	2.26	4,842	Tons	\$1,604	\$6,887,878
	2023	2,176	2.34	5,093	Tons	\$1,982	\$8,489,921
Non-bearing Red	2024	81					
	2023	68					
Bearing White	2024	352	1.95	687	Tons	\$2,061	\$1,168,488
	2023	358	2.05	733	Tons	\$2,003	\$1,255,647
Non-bearing White	2024	34					
	2023	32					
Total Wine Grapes	2024	2,612	2.21	5529		\$1,654	\$8,056,367
	2023	2,634	2.30	5826		\$1,985	\$9,745,568

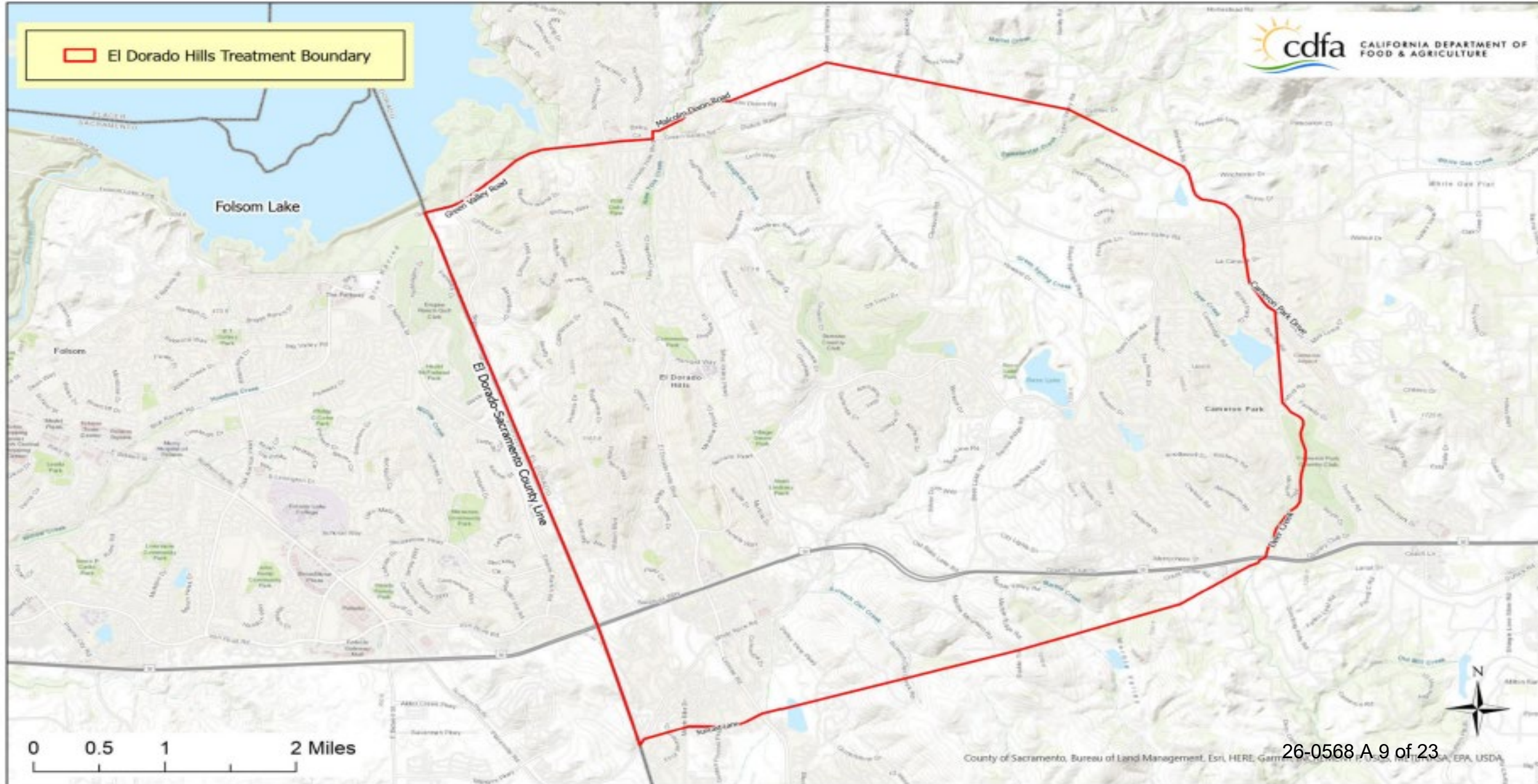
*2024 acreage and production numbers reflect actual responses by growers for the 2024 Wine Grape Survey

** Reflects the average price of all wine grape varieties

*** Crop values reported in the El Dorado County Wine Grape Surveys.

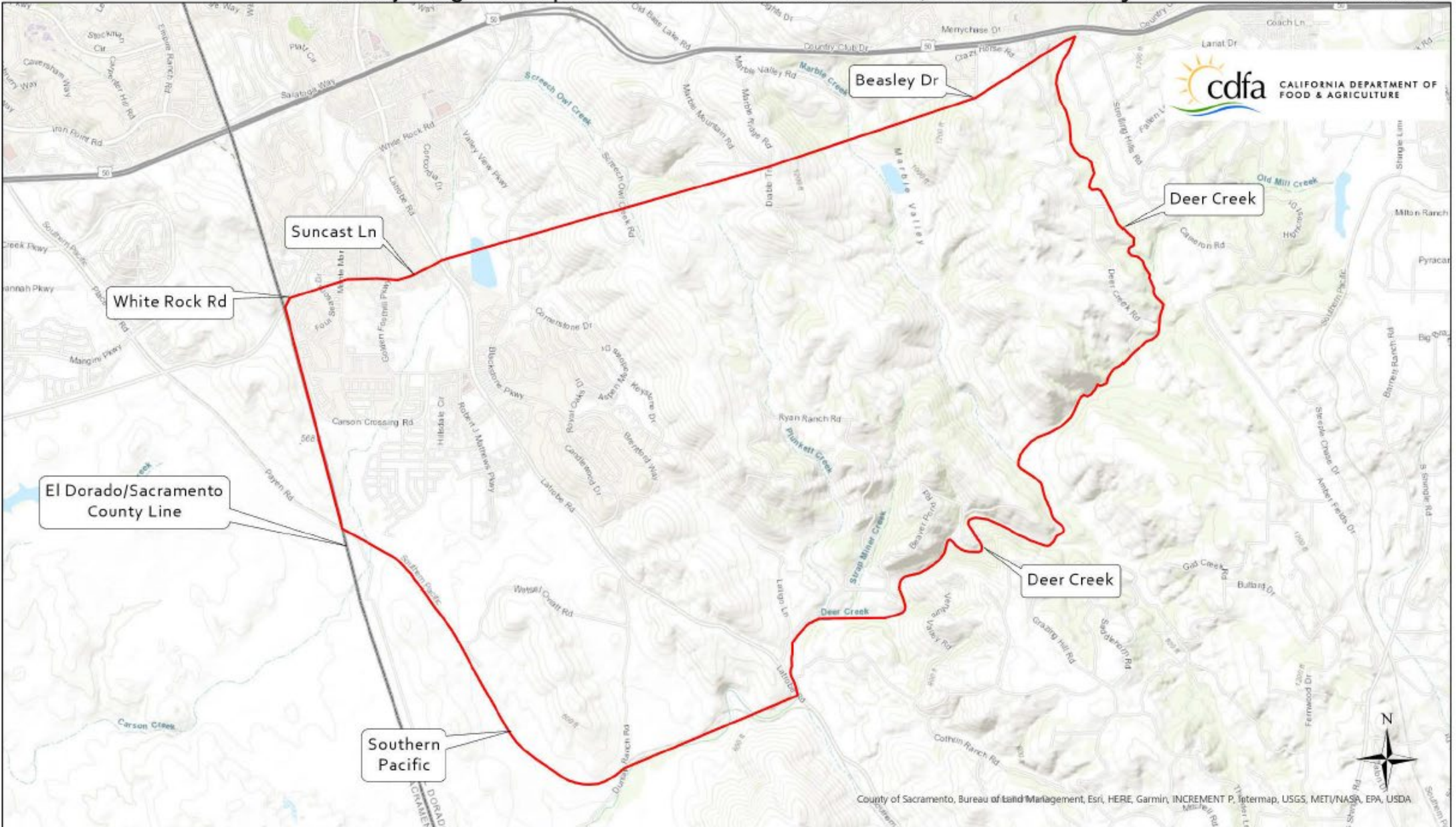
Glassy-winged Sharpshooter - EL DORADO HILLS, El Dorado County

Date Created: 10/24/2024



Glassy-winged Sharpshooter - EL DORADO HILLS 2, El Dorado County

Date Created: 11/20/2025

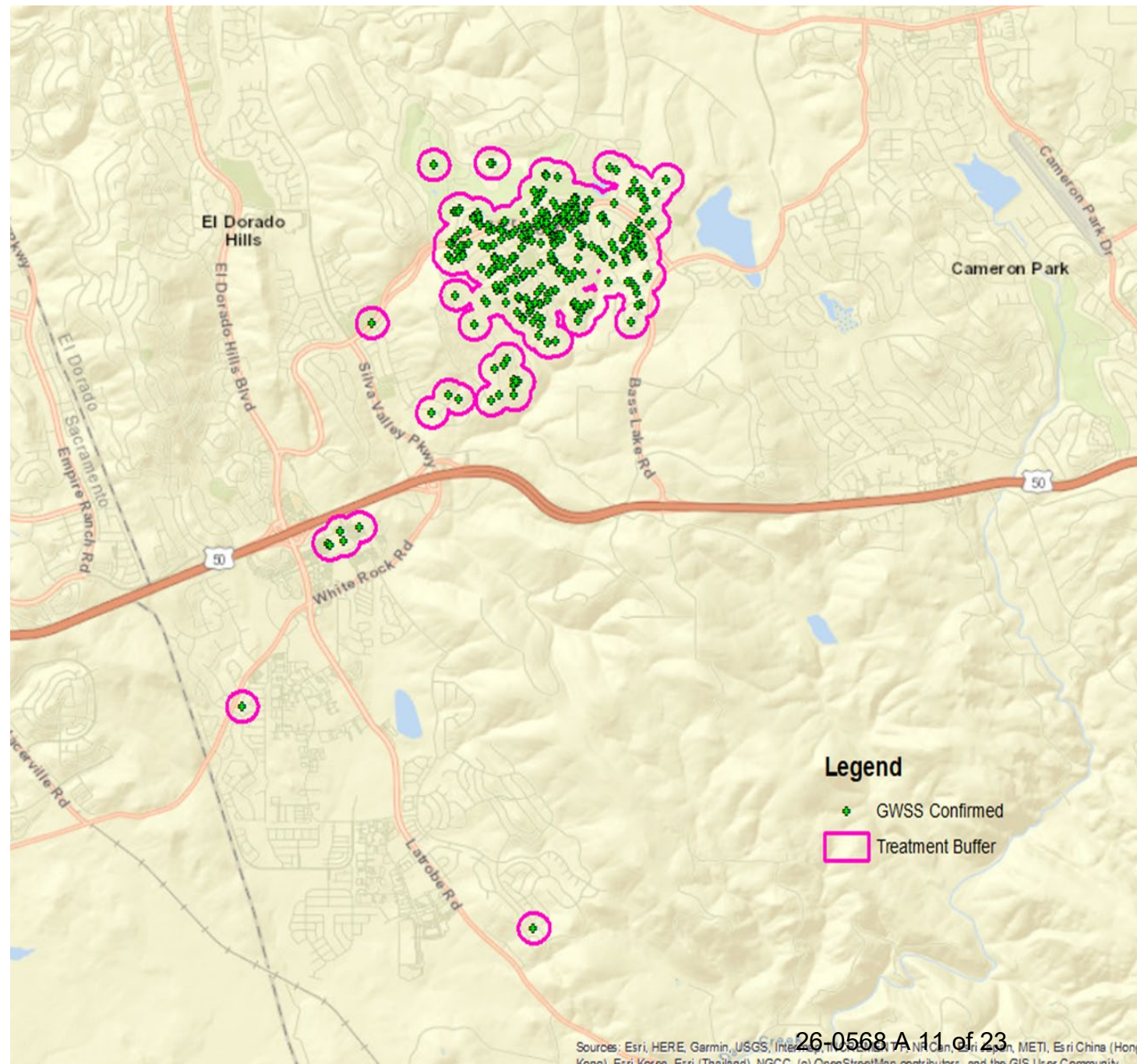




Routinely check about 150 delimitation traps on a weekly basis.



Treated over 800 properties



Notification Documents for GWSS Treatments



Postcard
announcing
public
meeting



Consent
forms are
delivered to
residents and
businesses



Notice placed
on door at
least 48 hours
before
treatment



Insecticide
information
and FAQ



Notice of
treatment
completion

PUBLIC MEETING NOTICE

The first part of the notification process is to have a public meeting.

Keeping Our YARDS, LANDSCAPING AND CROPS HEALTHY

County agriculture officials may treat plants in your neighborhood for the invasive glassy-winged sharpshooter. With everyone's support, we can protect neighborhood greenery, landscape plants and crops from this pest.

Why Glassy-Winged Sharpshooter Treatments Matter:

- The insect pest spreads Pierce's disease, deadly to grapevines
- The pest attacks hundreds of plants, including many used in landscaping
- Without treatment, the pest could cause major damage to the environment and economy

Questions? Contact the County Agricultural Commissioner's Office

¿Preguntas? Comuníquese con la Oficina del Comisionado Agrícola del Condado
(530) 621-5520 | eldcag@edcgov.us | <https://bit.ly/eldc-ag>



The public meeting allows us to explain the purpose of the GWSS treatments.

Allows the public to ask questions.

County of El Dorado
Agriculture, Weights & Measures

LeeAnne Mila
Agricultural Commissioner, Sealer of Weights & Measures



TREATMENT CONSENT

Address: Date:

The El Dorado County Department of Agriculture, in cooperation the California Department of Food and Agriculture is responsible for the eradication of invasive pests. The California Department of Food and Agriculture has proclaimed an emergency program based on an infestation of the Glassy-winged Sharpshooter (GWSS), a serious insect pest and vector for Pierce's Disease in grapes. Under Food and Agricultural Code section 6045, the Legislature has declared that this pest presents a clear and imminent threat to agriculture, the natural environment, economy, private and public property.

To eradicate this pest, the County has contracted with a Pest Control Business, to treat the infestation at no cost to the property owner. Treatment methods include pesticide applications to control adult and nymphal stages of GWSS. These materials are applied to the soil beneath host plants or sprayed onto the foliage. For more information on treatments please visit https://www.cdffa.ca.gov/pdcp/PD_GWSS_NOT_Mtg.html

Treatments are ONLY applied to GWSS host plants.
NO treatments are made to lawns, vegetables, or herbs.

Consent to Treatment

I, (print name) , give permission for my property to be treated to control Glassy-winged Sharpshooter. I understand I will receive a second notice at least 48 hours prior to treatment. Unfavorable weather conditions such as rain or wind will cause the treatment to be rescheduled. Should additional treatments be necessary, you will receive prior notification.

Signature: Date:

Phone: email:

Do Not Consent to Treatment.

I, (print name) , do not give permission for my property to be treated to control Glassy-winged Sharpshooter.

Signature: Date:

Phone: email:

If you have any questions or if you have a situation that requires special consideration, please telephone the office at (530) 621-5520.

Forms can be returned via mail, fax or email.

311 Fair Lane
Placerville, CA 95667

Phone (530) 621-5520
Fax: (530) 626-4756

Email: eldcag@edcgov.us
Website: <http://www.edcgov.us>

Consent Forms



Submit to the office by mail, fax or email.



Consent forms can also be filled out and submitted directly on the El Dorado County Agriculture Department website.

48 Hour Notice to Homeowners

An El Dorado County Inspector will leave a treatment notification at your home 48 hours prior to treatment.

The treatment notice will be placed on your front door.

The paper will be brightly colored so it will be easily visible.

Consenting to treatment is the best way to help us successfully eradicate this pest.

County of El Dorado Agriculture, Weights & Measures



LeeAnne Mila
Agricultural Commissioner, Sealer of Weights & Measures

OFFICIAL NOTICE

ADVANCE NOTICE OF INSECTICIDE TREATMENT

An infestation of the Glassy-winged Sharpshooter (GWSS), a serious insect pest of grapes, has been found in your neighborhood. Under Food and Agricultural Code section 6045, the Legislature has declared that this pest presents a clear and imminent threat to agriculture, the natural environment, economy, private and public property. To eradicate this pest, it is necessary to apply the pesticides to control adult and nymphal stages of GWSS. These materials are applied to the soil beneath host plants and/or sprayed onto the foliage.

**Treatments are only applied to GWSS host plants.
NO treatments are made to lawns, vegetables, or herbs.**

We have a signed consent form on file for your property: _____.

Treatment has been scheduled for _____ weather permitting.

Due to high GWSS populations, for some, this will be a second treatment.

Unfavorable weather conditions such as rain or wind will cause the treatment to be rescheduled. We will reschedule if your treatment has been delayed. Should additional treatments be necessary, you will receive prior notification. **We will leave a completion notice on your doorstep to notify you that your property has been treated.**

You do not need to be present during the treatment if our crew has access to your property. The treatment takes only a few minutes, if you have made a few simple preparations prior to our arrival. What you can do to help:

- Please have gates unlocked in advance.
- Please secure any pets and protect their food and water dishes. Move pets temporarily indoors if possible.
- If you have fruit trees, such as citrus, or grape vines, we will treat them as well. Fruit from treated plants is safe for consumption after treatment.
- Please close your doors and windows at time of application. You may re-open them once treatment is completed.
- Please move any barbecues, lawn furniture, toys, and other miscellaneous items away from your trees and shrubs.
 - **This treatment is free of charge.**
 - **Wait until the material has dried before entering treated area.**
 - **Wash all fruit before eating, as you normally would.**

IF WE DO NOT HEAR FROM YOU AT LEAST 24 HOURS BEFORE OUR CREW ARRIVES TO TREAT YOUR PROPERTY, WE WILL ASSUME WE HAVE YOUR CONSENT TO TREAT AND WILL PROCEED WITH THE TREATMENT AS SCHEDULED.

If you have any questions or a situation that requires special consideration, please call our office at (530) 621-5520.

Completion Notice

A Completion Notice will be left on the front door of your home letting you know an insecticide treatment has been completed.



County of El Dorado
Agriculture

LeeAnne Mila
Agricultural Commissioner

COMPLETION NOTICE

INSECTICIDE TREATMENT FOR THE GLASSY-WINGED SHARPSHOOTER

Was completed on

- Your property was treated with Merit® 2F (Imidacloprid). This systemic insecticide was applied to the soil beneath the host trees, shrubs and plants, as a soil-injection treatment to kill adult and nymph stages of Glassy-winged Sharpshooter.
- Your property was treated with CoreTect™ (Imidacloprid). This systemic insecticide was applied to the soil beneath the host trees, shrubs and plants, as a **buried tablet** treatment to kill adult and nymph stages of Glassy-winged Sharpshooter.
- Your property was treated with Altus® (Flupyradifurone). This insecticide was applied to host trees, shrubs and plants, as a **foliar spray treatment**, to kill adult and nymph stages of Glassy-winged Sharpshooter.

Precautions:

Avoid contact with treated foliage and soil until dry. Wash all fruits and vegetables before eating, as you normally would.

If you have any questions, please call
(530) 621-5520.

Thank you for your cooperation!

El Dorado County Department of Agriculture

311 Fair Lane, Placerville, CA 95667

Phone (530) 621-5520

Email: eldcag@edcgov.us

Website: <http://www.edcgov.us>

How will the treatments be performed?



The treatments are performed by a licensed pesticide applicator business.



Applicators will be in identified vehicles when in your neighborhood during the treatments.



Our department will be monitoring the pesticide application to ensure they are being done safely.



Systemic Treatments



Systemic treatments are injected into the soil around the base of host plants.



Can provide long term control of insects that feed on plant sap.



Absorption is fairly quick during the hot summer months.

Foliar Treatments

Foliar treatments are applied to the exterior of the plants.

Provides instant control of adult and nymph stages of GWSS.

Special care is made in monitoring foliar treatments to prevent drift issues.

If wind or any unsafe conditions are present, foliar treatments will NOT be performed.



Treatment Monitoring



Treatments are monitored by department biologists and technicians to ensure they are being performed correctly and safely.

If conditions change and become unsafe treatments are immediately stopped.

Biocontrol Agents

- Tiny stingless wasps that lay their eggs inside GWSS egg masses
- Released about 6,500 of these wasps
- Found 27 parasitized egg masses



Cosmocomoidea ashmeadi



2025

- Treated over 800 properties
- Treated 40 acres of common areas, roadside vegetation
- Contacted over 3,500 residents to sign consent forms for treatments.
- 1,446 residents have signed consent forms
- 122 residents have refused treatment
- Over 2,000 residents have not responded
- Received \$4M in state emergency funding
- Treatment costs have exceeded \$2.1 million to date

Questions?



EL DORADO COUNTY
AGRICULTURE DEPARTMENT

(530)621-5520

ELDCAG@EDCGOV.US