

# SOLANO COUNTY AGRICULTURE DEPARTMENT UPDATE

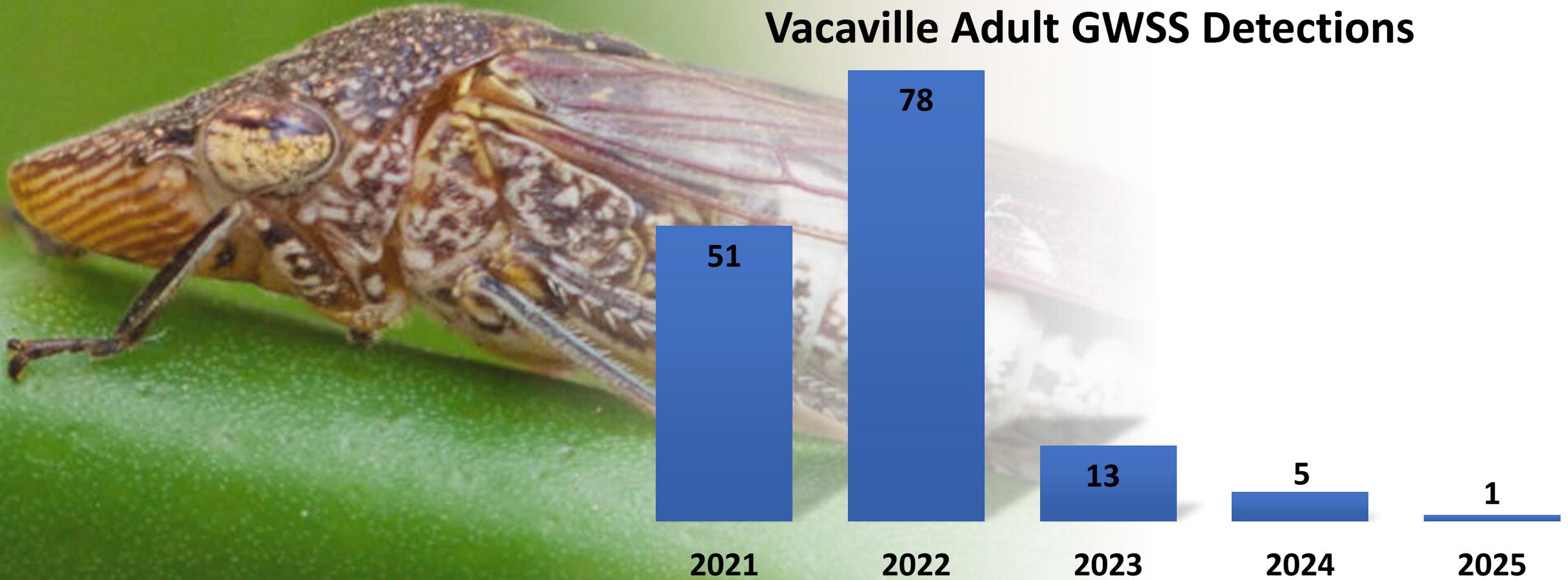
FEBRUARY 18, 2026

ED KING

AGRICULTURAL COMMISSIONER

# GLASSY-WINGED SHARPSHOOTER

## Vacaville Adult GWSS Detections



# GLASSY-WINGED SHARPSHOOTER

## New Infested Areas

El Dorado Hills

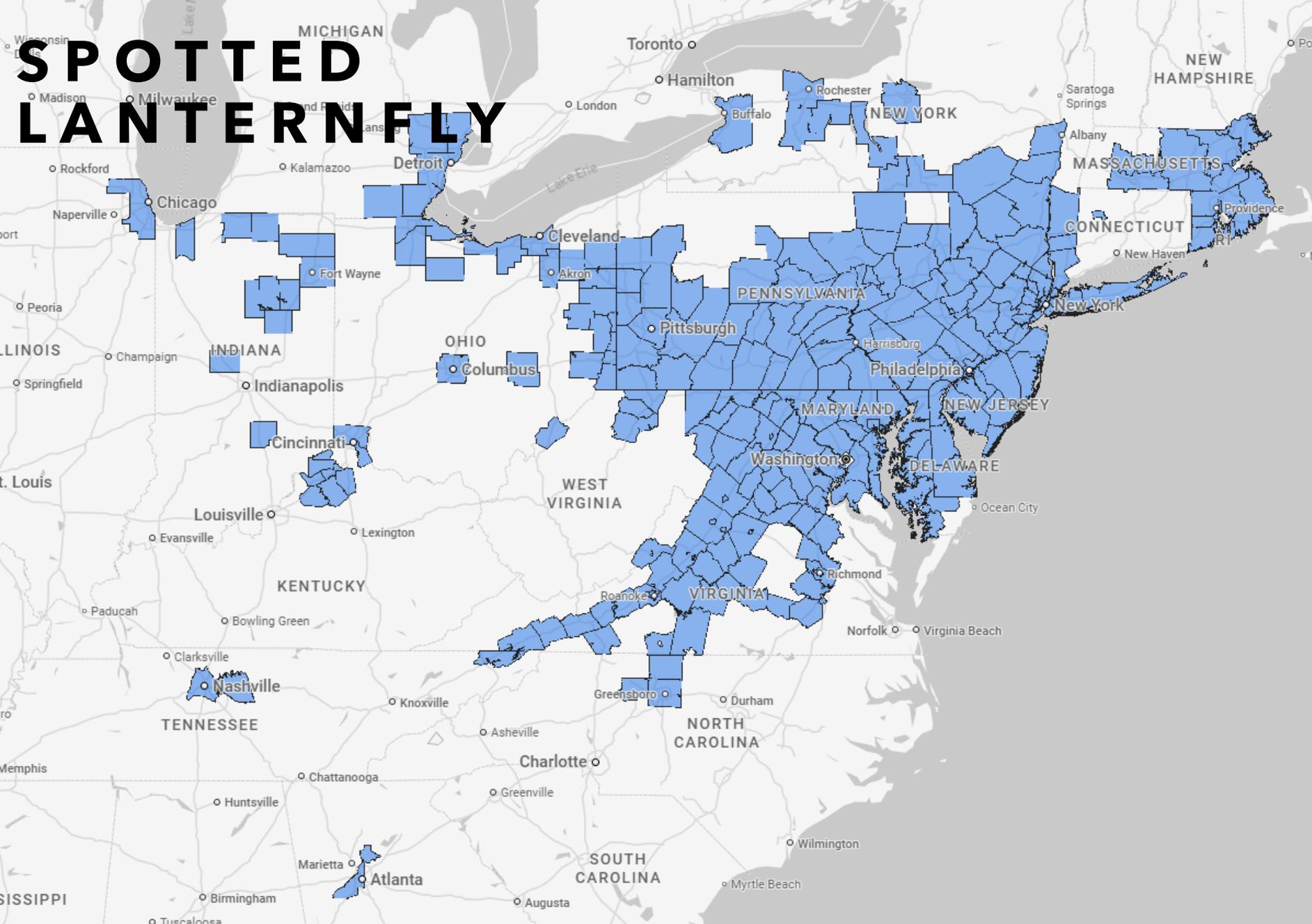
Turlock

Morgan Hill

Hanford



# SPOTTED LANTERNFLY



## Life Stages of the Spotted Lanternfly (*Lycorma delicatula*)



**Egg Mass**  
Year-round



**Early Nymph**  
Spring - Summer



**Late Nymph**  
Summer - Fall



**Adult**  
Summer - Winter

Emelie Swackhamer, Penn State University; Richard Gardner; Lawrence Barringer, Pennsylvania Department of Agriculture, Bugwood.org; Heather Leach

# TREE OF HEAVEN

Trees Treated - 1,650

Sites - 48 parcels





# EUROPEAN GRAPEVINE MOTH

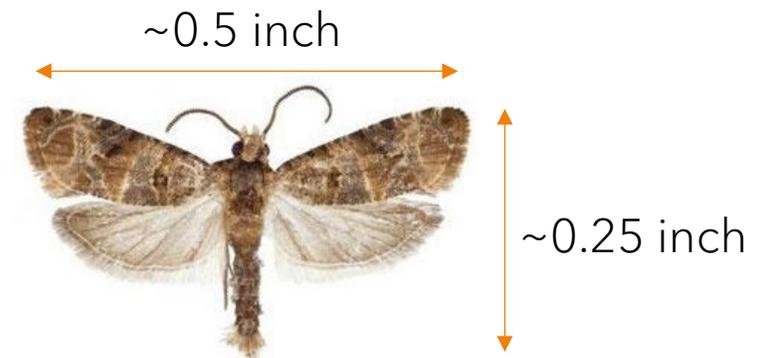
\$1M USDA  
funding cut

Remining funds  
going to counties  
with 10,000+ acres  
of grapes



# EUROPEAN GRAPEVINE MOTH

375 traps  
decreasing to  
50 traps



EGVM larva

Photos: AgStockUSA/Jack K. Clark

Male moths trapped in  
Napa vineyard

# PESTICIDES

## 2025

### Ag Inspections

- 209 inspections
- 101 non-compliances
- 14% of inspections with non-compliances
- 50% of non-compliances:
  - ✓ Personal protective equipment
  - ✓ Decontamination supplies (eyewash, soap, water, single-use towels)
- 25% of non-compliances:
  - ✓ Lack of training



# PESTICIDES

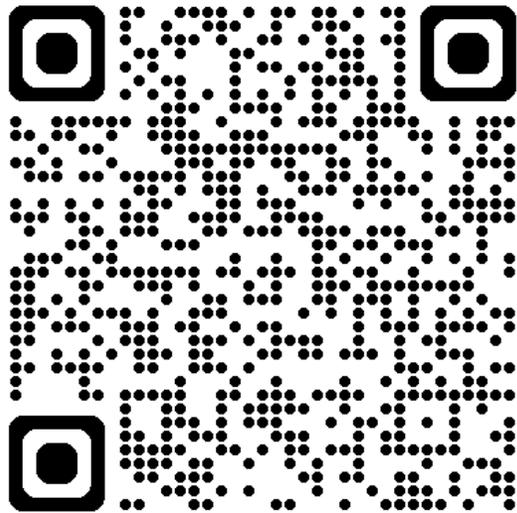
## Spray Safe Training

Wednesday, February 25

8:00 a.m. - noon

Dixon May Fair

- 3.0 hours continuing education
- English & Spanish
- Lunch included



# **AB 732 (MACEDO) NEGLECTED OR ABANDONED CROPS & PEST ABATEMENT**

County agricultural commissioner  
administrative civil penalty authority:

Neglected or abandoned plant or crop  
causing a pest-related public nuisance to  
nearby properties—when the nuisance  
results in or would cause economic or  
ecological damage if the pest threat is not  
abated.



# AB 732 (MACEDO) NEGLECTED OR ABANDONED CROPS & ABATEMENT

## Lien Process:

Notice to property owner

Court order to abate

County abates (removal or destruction) and incurs costs

Lien recorded

## Civil Penalty Option:

Notice of proposed action:

- Nature of violation and opportunity to be heard (hearing upon request)
- UC Extension referral
- 30 days to take "good faith action" to rectify the violation

If no good faith action taken = penalty imposed (up to \$500/acre)

If no good faith action taken 45 days commissioner may increase penalty (up to \$1000/acre)



# **AG PASS**

## **2026 Trainings**

- February 19
- March 12

Apply at:  
[SolanoCounty.gov/Ag](https://SolanoCounty.gov/Ag)



# SUSTAINABLE AG LANDS CONSERVATION

Funds planning and land acquisition projects to protect agricultural lands at risk of conversion to other uses

- Promotes smart growth within existing jurisdictions
- Ensures viable open space
- Supports agricultural and tribal food systems
- Promotes biodiversity and soil health
- Helps sequester climate change-causing emissions



# SUSTAINABLE AG LANDS CONSERVATION

## Objectives

**Land Use:** Assess current ag land use policies and make recommended updates recognizing agriculture as a business while also preserving working agricultural lands.

**Infrastructure:** Identify infrastructure needs required to support ag conservation and economic development.

**Economic Development:** Create an agricultural economic plan ensuring investment in a profitable and enduring future for producers, processors and supporting industries.



# SUSTAINABLE AG LANDS CONSERVATION

## Guiding & Advisory Committees

### Steering

- Supervisors Vasquez, Mashburn
- LAFCO
- County staff

### Food & Agriculture

- Farmers, ranchers
- SVVGA, PVAA
- Farm Bureau
- Campbells, Superior Farms
- UCCE

### Land Use & Infrastructure

- Cities
- Agencies, Special Districts
- County staff



# SUSTAINABLE AG LANDS CONSERVATION

## Land Use Policy Assessment & Action Plan

- Develop “essential ag lands” mapping criteria
- Consider expansion of the ag reserve overlay
- Review efficacy of the orderly growth ordinance in preventing ag land conversions and consider potential ordinance amendments and/or alternatives while balancing countywide economic goals
- Consider establishing a Solano County Division of Conservation



# SUSTAINABLE AG LANDS CONSERVATION

## Land Use Policy Assessment & Action Plan

- Explore establishing an Agricultural Enterprise Support program
- Consider forming an inter-agency planning group for coordinating housing and farmland preservation
- Explore opportunities to secure agricultural easements for lease/sale to new farmers
- Support farmworker housing



# SUSTAINABLE AG LANDS CONSERVATION

## Infrastructure Assessments & Action Plan

- Lack of middle of the supply-chain infrastructure - food hubs, mobile markets, shared kitchens, cooling facilities, light processing, etc.
- Explore relaunching Solano Grown to promote and market local agriculture
- Explore ag industry infrastructure needs at I-80 interchanges in coordination with the Solano County Highway Interchange Study



# SUSTAINABLE AG LANDS CONSERVATION

## Infrastructure Assessments & Action Plan

- Explore financing mechanisms for infrastructure development at core locations such as the Dixon I-AS
- Assess agricultural processing needs and businesses attraction
- Consider supporting low impact agritourism activities (farm tours, farm-to-table dinners, open farm days) encouraging visitation without overburdening existing infrastructure and ag operations
- Agritourism signage at key destination locations



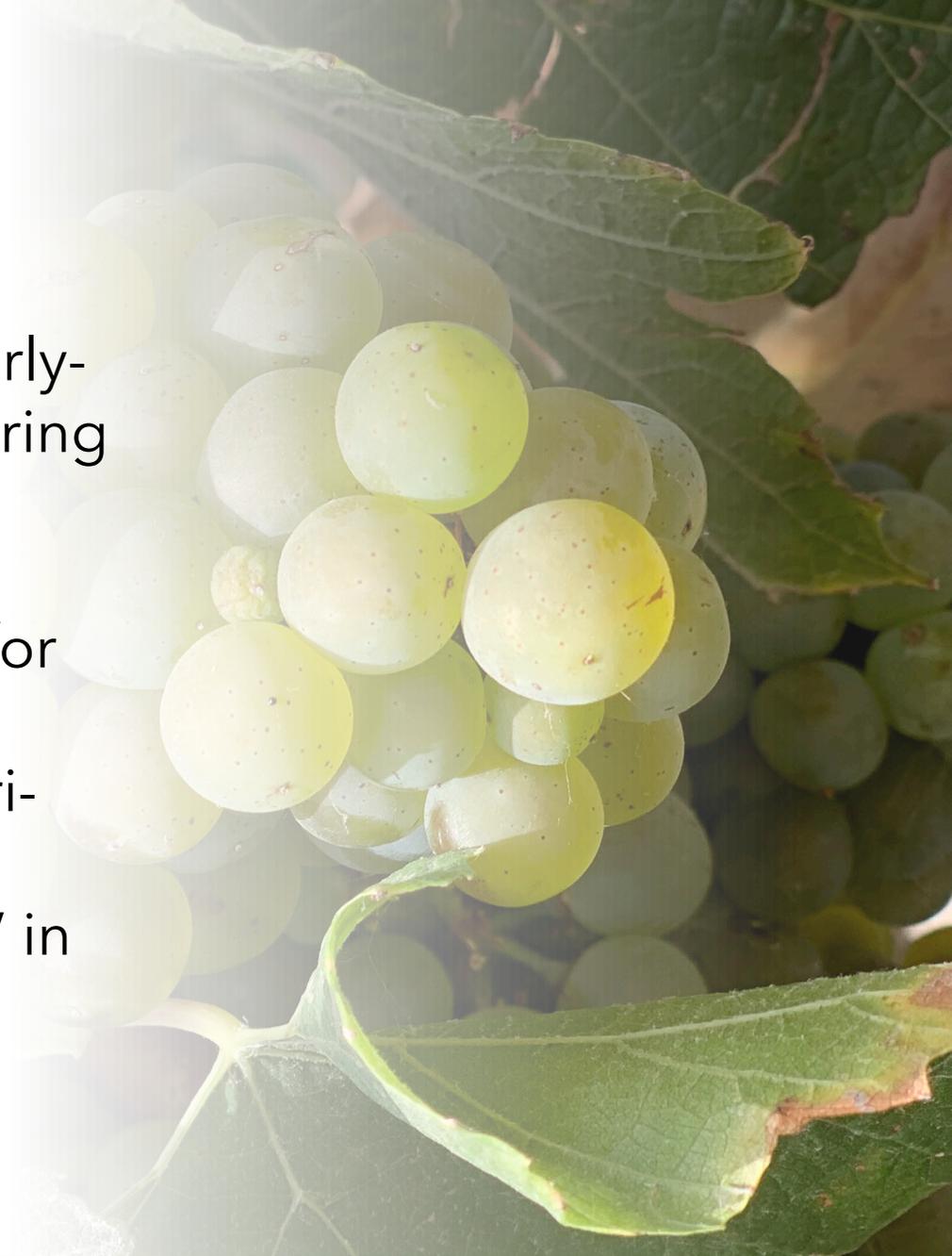
# SUSTAINABLE AG LANDS CONSERVATION

## Economic Development

**Ag-Tech Incubation & Ag Engineering** - Grow early-stage ag-tech startups and supporting ag engineering businesses

### Potential Opportunities

- Identify interchange parcels which are suitable for ag industry support
- Grow UC Davis/UCANR collaborations (e.g., agri-tech, robotics, GIS, etc.)
  - Potential for locating "The Plant @ California" in Solano County
- Automation, precision ag



# SUSTAINABLE AG LANDS CONSERVATION

## Economic Development

**Biomanufacturing** - Explore supporting production of biological products using living cells or organisms and agricultural feedstock.

### Potential Opportunities

- Agriculture products (e.g., feed ingredients, plant-based meats)
- Bio-plastics
- Therapeutic alternative proteins used in medical disease treatment



# SUSTAINABLE AG LANDS CONSERVATION

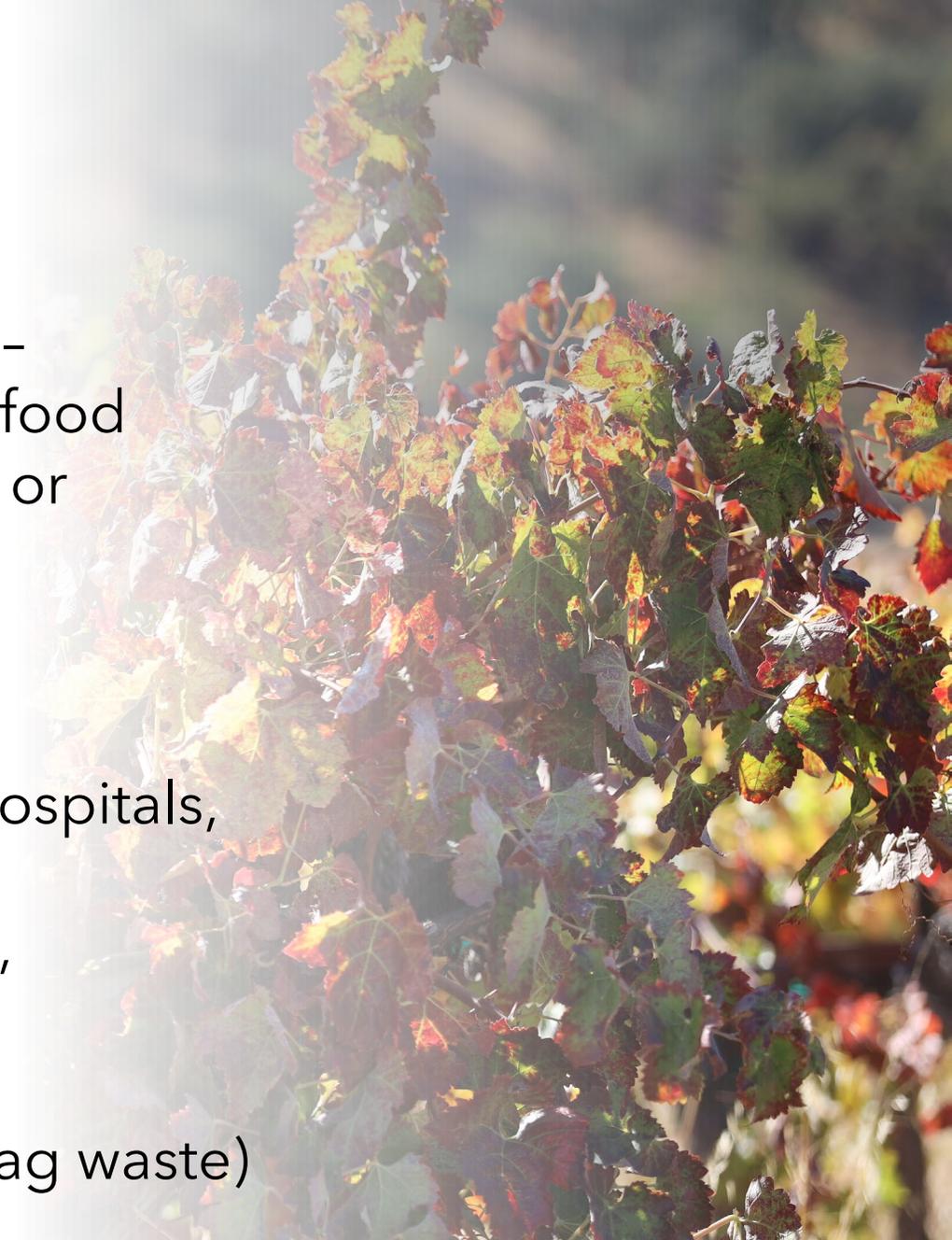
## **Economic Development**

### **Food Aggregation, Processing and Distribution –**

Collecting, processing, combining, and delivering food products from multiple producers to larger buyers or institutions.

### Potential Opportunities

- Food hub systems
- Farm-to-school and institutional procurement (hospitals, prisons, food bank)
- Animal processing, olive oil, nut hulling/shelling, greenhouses
- Cold storage
- Circular economy integration (i.e., recycle food/ag waste)





**QUESTIONS**