

## Spotlight on Tehama County

At UC Cooperative Extension Tehama County (UCCE Tehama), we're proud to serve as your local connection to the University of California's research, resources, and expertise. Our mission is to bring practical, science-based solutions to the people, ranchers, growers, and communities of Tehama County and the North State—helping them grow stronger, healthier, and more resilient.

Our in-office advisors and educators specialize in Livestock and Range, Orchard Systems, Weed Science, Agronomy, 4-H Youth Development, CalFresh Nutrition Education, the Master Gardener Program, and the Master Food Preserver Program. Working together with UC campus-based academics and cross-county advisors, we're able to provide a deep network of knowledge and hands-on support to meet local needs. UCCE Tehama County is proud to be part of this community—rooted in service, collaboration, and the belief that sharing knowledge helps us all thrive.



Tehama County UCCE Team and Office Staff

### Our Clientele

- Ranchers and Growers
- Tehama County Schools
- Local Communities

### Academics & Staff

- 3 Academic Advisors
- 3 Program Staff
- 2 County of Tehama Staff
- 9 Cross-County Advisors & Staff

### Tehama County Research and Extension

- Livestock & Range
- Orchard Systems
- Weed Science & Agronomy
- 4-H Youth Development
- Food & Nutrition Education
- Irrigation & Water Resources
- UC Master Gardener Program

## UC ANR Mission

UC ANR cultivates thriving communities, sustainable agriculture, resilient ecosystems, and economic prosperity in California through development and sharing of equitable and collaborative science-based solutions that have national and global impact.

## By The Numbers

Volunteers bring our Tehama County programs to life—empowering youth, nurturing curiosity, and strengthening community connections. Their dedication helps extend the reach of our work and ensures that learning, growth, and collaboration remain at the heart of everything we do in Tehama County.

**197**  
volunteers

**12,552**  
hours  
donated

**\$484,631**  
value of  
volunteer  
service hours

## Is it worth patching the eye at treatment?

Patching eyes when doctoring for pink eye has been mentioned as helpful to block sunlight and seed heads from further antagonizing the eye. But does it work? Believe it or not this was the first trial to test eye patch effectiveness for faster healing. The test followed 216 steers from April to August during the peak of the pink eye season. When cattle got pink eye, they were assigned a severity score for the size of the ulcer on their cornea. Every other animal at each severity score was given an eye patch at treatment. All animals were given tetracycline regardless of patch treatment if an active ulcer were present. The cattle that received a patch healed four days sooner than those that did not receive a patch regardless of ulcer size. The results suggest that patches do work to heal eyes faster regardless of how bad the eye is affected.

Josh Davy –  
UC Livestock Advisor



Pink Eye Affected Cattle before and during treatment  
Photo credit – Josh Davy UC Livestock Advisor

"That's pretty cool stuff! I've always felt like patches were a waste of time so I wouldn't put them on but after reading this I may need to go back to using them again!"

- Levi Gibson

Owner Operator, Full of Faith Ranch

## 4-H Youth Development

### Tehama County 4-H

- **502** youth members enrolled
- **98** adult volunteers
- **58** group enrolled youth participants
- **182** youth and adult volunteers participated in Tehama County 4-H overnight summer camp program.



Josh Davy, UCCE Tehama Director  
2025-26 4-H Ambassador & BLAST Team,  
Jessica Oylear, 4-H Program Coordinator



4-H youth are 2 times as likely to go to college



## Master Gardener

Tehama County has implemented the new Master Gardener program in Tehama County.

The Program has already dedicated several hundred hours to community service in its first year with 6 committed Tehama County Master Gardener volunteers.



Master Gardener Workshop in  
Tehama County



## Food and Nutrition

The Tehama County school-based food and nutrition programming extends from the classroom to improving access and quality of physical activity through community events, school gardens, and school wellness committee work.



## Orchard Systems

Tehama County Orchard Systems Advisor, Jaime Ott focuses her program on finding ways to make orchard crop production efficient, profitable and environmentally sustainable.

She is finishing up her PhD from the UC Davis Department of Plant Pathology, where she has done work assessing walnut and almond rootstocks for resistance to crown rot caused by *Phytophthora*. She has also been involved in testing whole orchard recycling in almonds and optimizing anaerobic soil disinfestation (ASD) as an alternative to fumigation when replanting almond orchards.



Jaime Ott  
Orchard Systems Advisor  
UCCE Tehama

## Weed Science & Agronomy



Ryan Hill  
Weed Science &  
Agronomy Advisor  
UCCE Tehama

Ryan Hill's agronomy and weed science research and extension program serves Shasta, Glenn, and Tehama Counties. The program has been gaining momentum with new projects involving organic weed control, pre-emergent herbicide demonstrations in walnut orchards, olive sucker management, johnsongrass management, alfalfa herbicides and adjuvants, and herbicide-induced trunk injury in tree crops. Projects involving herbicide demonstrations and johnsongrass management have been completed and have resulted in a host of extension presentations and publications where research results have been disseminated to the public, both in the counties he serves and statewide. He has also collaborated with weed scientists and plant breeders at UC Davis to investigate electrical weed management and evaluate the productivity and persistence of dryland alfalfa in Tehama County. Ryan supports grower education through pesticide applicator trainings concerning herbicide efficacy and herbicide resistant weeds and he regularly writes for trade journals and University of California blogs and websites.

