

Annual Report 2024



UCCE Sutter-Yuba



320

volunteers donated
16,096
hours public service
(estimated value) of
\$572,374



52

peer-reviewed and
audience-requested
publications



23,729

total educational
interactions with the
public



113

academic-led
workshops, field days,
and classes with
2,907
participants



16

activities bringing re-
search to policy

University of California Agriculture and Natural Resources (UC ANR) brings the power of UC research in agriculture and natural resources, nutrition and youth development to local communities to improve the lives of all Californians.

Our Cooperative Extension (UCCE) county-based advisors, community education specialists, and campus-based academics work as teams to bring practical, trusted, science-based solutions to our state. We are problem solvers, catalysts, collaborators, educators, and stewards of the land, living in the communities we serve.

We are a partnership between Sutter and Yuba Counties and the University of California, who all support our work with funding and resources. We bring science-based research and programming to everyone in the community through a variety of different programs. We are one of the oldest of the 64 Cooperative Extension offices located across California. Established in 1918 — we turned 106 in 2024!



UC Master Gardener volunteers
reached
6,554
residents



2,086
youth in
UC 4-H Youth Development
Program



\$367,360
County



\$1,175,368
University



\$304,220
Advisor generated
(grants, gifts, other, etc.)

Thank you for your support!

Sutter County **Board of Supervisors**

Nick Micheli, District 1
Dan Flores, District 2
Mike Ziegenmeyer, District 3
Karm Bains, District 4
Mat Conant, District 5



Yuba County **Board of Supervisors**

Andy Vasquez, Jr., District 1
Don Blaser, District 2
Seth Fuhrer, District 3
Gary Bradford, District 4
Jon Messick, District 5



Partnering for Change

ANR builds partnerships based on deep and long-lasting relationships with local, state and federal governments, community-based organizations, schools, nonprofits and private industry. Here are the many organization that UC Cooperative Extension partners with to serve the residents of Sutter and Yuba Counties:

Agromillora Nursery	Charlie Mathews/Mathews Rice Dryer	Massa Organics Farm	USDA - Wildlife Services
AgSeeds Unlimited		Matt Bozzo, Yuba County	USFS - State and Private Forestry
Andros Karperos Elementary School	Chico State University Farm	Matt Lagorio, Grow West	Wallace Brothers
Barry Elementary School	CN Farms	Norene Ranches Inc.	Water Education Foundation
Bear River Supply PCA's	Colusa County Farm Supply PCA's	Odyssey Farms	Western Cover Crops Council-SW Regional Committee
Benden Farms	Colusa County Resource Conservation District	Oryza Partnership	Western SARE
Berkeley Forests	Community Housing Improvement Program	Park Avenue Elementary School	Yuba-Sutter Cattlemen's Association
Big Valley Ag PCA's	Conant Orchards	Park Farming Organics	Yuba City Unified School District
Bridge Street Elementary School	Diamond Foods Inc	Pleasant Grove Farms	Yuba City Day School
The Blue Zones Project	Ella Elementary School	Project Learning Tree	Yuba County Agriculture Department
Bob Amarel, Jr., Reason Farms	Erdman Farms	Richter AG.	Yuba County Office of Emergency Services
Bullards Bar	Family Soup	Rick Wilbur/Wilbur Ranch	Yuba County School Readiness Program
Burchell Nursery, Inc.	Furlan Farms	Riverbend Elementary School	Yuba County Sheriff's Department
Butte Vista Elementary School	Gilbert Orchards	River Garden Farms	Yuba River Endowment
CALFIRE	George and Carson Tibbits, Growers	Sacramento Area Science Project	Yuba Watershed Protection and Fire Safe Council
California Alfalfa and Forage Research Foundation	Golden Gate Hop Ranch	Sarbdeep Atwall	Yuba-Sutter Fairgrounds
California Association of Science Educators	Grow West Supply PCA's	Say Love	Yuba-Sutter Farm Bureau
California Canning Peach Association	Gurbinder Atwal	Sierra Gold Nurseries	
California Cling Peach Association	Gurj Thakar	Siller Brothers	
California Crop Improvement Association	Gray Avenue Elementary School	Society of American Foresters	
California Dry Bean Advisory Board	Habitat for Humanity's Harmony Village	Sohnrey Family Farms	
California Envirothon	Healthy YOUba Coalition	Sustainable Conservation	
California Rice Commission	Jaw GP	Sutter County Agricultural Department	
California Rice Experiment Station	Joe Conant Grower	Sutter County Resource Conservation District	
California Rice Research Board	Joe Serger, Miki Orchards	Tahoe National Forest	
California Tomato Research Institute	John Amarel, REASON Farms	Tierra Buena Elementary School	
California Walnut Board	Johnson Park Elementary School	TS&L Seeds	
California Wild Rice Advisory Board	Kamprath Seed	UC ANR Forest Stewardship	
Camptonville Elementary School	Kim Gallagher, Grower	UC Davis Agricultural Experiment Station	
Casa De Esperanza	King Avenue Elementary School	UC Integrated Pest Management Program	
CDFA - Fertilizer Research and Education Program	Kingsley Farms	UC Weed Research and Information Center	
CDFA - Healthy Soils Program	Kuldip Atwal	USDA - Agricultural Research Service	
Cedar Lane Elementary School	Lincoln Elementary School	USDA - Natural Resource Conservation Service	
Center for Land Based Learning - SLEWS Program	Marysville Joint Unified School District		
Chamberlain Farms			

We are here to serve you!

New Area Director

Beginning in her new role with UC Agriculture and Natural Resources this past August, Ahluwalia now provides administrative support as the area director to UCCE advisors and staff across Colusa, Glenn, Butte, Yuba and Sutter counties.

After earning her MBA from UC Davis, Ahluwalia worked as the financial manager for the sheriff's office of Modoc County, in the far northeastern corner of California.

Ahluwalia has been focused on strengthening relationships with county agricultural commissioners, boards of supervisors and other community leaders and organizations. Building upon the foundation set by the preceding UCCE county directors, Ahluwalia aims to make more people aware of the wide range of Cooperative Extension programs.



Preet Ahluwalia
Area Director
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"Joining Sutter-Yuba UCCE is a privilege, especially given the enduring relationship between UC ANR and the vibrant communities of Sutter and Yuba Counties. I'm excited to build on this partnership, engage with local stakeholders, and help drive forward innovative solutions for our farmers and community members."

New Livestock & Natural Resources Advisor

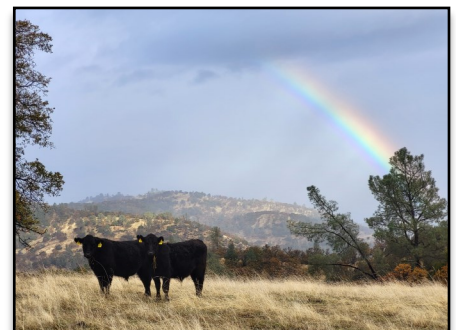
Andrea was born and raised in Nevada County, California, where she was active in youth sports and the 4-H program. She knew that she wanted to pursue a career in agriculture after high school and started by enrolling at Sierra College. During her time there, Andrea developed an excitement for animal science, and started an internship at the UC ANR Sierra Foothill Research and Extension Center. There, she assisted with a variety of beef cattle research projects and calving out the UC Davis cow herd.

Andrea then transferred to California State University, Chico, where she earned her B.S in Animal Science in 2018. Following her passion for livestock research, Andrea decided to continue her education at Oklahoma State University. There, her research focused on feedlot nutrition and feeding cotton byproducts to finishing cattle, and she worked on several commercial cow/calf operations while attending school. Following the completion of her M.S in 2020, Andrea accepted a position at Langston University as the Research Farm Manager at the American Institute for Goat Research. At Langston, Andrea managed a large herd of dairy and meat goats, and hair sheep which were used for nutrition, health, and management research at the facility.

For the past year and a half, Andrea has been the Staff Research Associate at the Sierra Foothill Research and Extension Center where she has worked on many research projects related to beef cattle production, natural resources, climate change, and rangeland management. Becoming a farm advisor was Andrea's long time career goal, and she is most excited about building relationships with local producers and community members in the industry while continuing to address challenges with a research-based approach.



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Livestock and Natural Resources

The Livestock and Natural Resources program initiated a first-of-its-kind Rancher's Fire Academy for producers in Sutter, Yuba, Placer, and Nevada Counties. In partnership with local resource conservation districts, CalFire, and local fire districts, UCCE provided workshops on planning and implementing prescribed fire on private rangeland, webinars on evacuating livestock and what to do if you're trapped behind fire lines, and hands-on field days on ranch hardening, fire tool use, and using fire to control invasive weeds.

The project compliments local livestock and agricultural pass programs by providing ranchers with information and skills regarding wildfire preparation, evacuation and livestock care, and the use of prescribed fire.



Effective October 1, Dan transferred to the UC Cooperative Extension Central Sierra office.

Thank you Dan for serving Yuba and Sutter counties for 7 years!



Dan Macon
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Dairy

The dairy program works to create economical and sustainable solutions for challenges in the dairy industry throughout the Sacramento Valley. Research projects this past year included the impacts of arthropod pest control on animal health and production, evaluation of colostrum feeding and management on calf health, and an analysis of mechanical



manure separator systems. Additionally, an outreach program to foster employee engagement and improve communication with the goal of improving animal health was implemented locally. Each of these projects provides tangible solutions for dairy producers throughout the region, state, and nation.

Results from these projects are shared at local and statewide workshops and seminars and through newsletter articles and dairy industry publications. Scientific publications and academic conference presentations add to the body of knowledge that helps scientists work collectively to advance dairy production techniques and improve sustainability.

Impacts of our work include better animal health, improved antibiotic stewardship, and more sustainable manure management on dairies- all of which contribute to a positive economic impact in the community.



Betsy Karle
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Leading the way to science-based solutions

Rice and Wild Rice

The UCCE Rice Team is busy collaborating on projects, with sites all over the valley, to bring California rice growers relevant and timely information. Over the past year, we have been focusing on several new projects:

- ♦ *Reduced or No-till Drill-seeded Rice (2 years)*: a collaboration between Bruce Linqvist, Luis Espino, and Whitney Brim-DeForest, looking at the impacts of no-till and fall straw management techniques on nitrogen management, pest management, and yields. Preliminary data shows significant water-savings using no-till planting methods.
- ♦ *Cover Cropping Variety Trial (3 years)*: a collaboration with Michelle Leinfelder-Miles and Brim-DeForest, this is the 3rd year, looking at varieties best-suited to rice field soils especially during heavy rain years. Demonstration sites are in Colusa, Butte, and San Joaquin Counties.
- ♦ *Hedgerow Demonstration in Rice (1 year)*: Sarah Light and Brim-DeForest collaborated to place the first-ever hedgerow project in rice in a grower field in Colusa County. Data collected will include soil health metrics, weed control (on levees), and assessment of insect populations inside the rice fields and in the hedgerow.
- ♦ *Double-Propanil Alternatives (2 years)*: over the past two years, Brim-DeForest and her team have developed alternative herbicide treatments for the double-propanil application. This project aims to provide control of resistant watergrass species while reducing the likelihood of selecting for propanil resistance, to preserve this important chemistry into the future.

We also have several ongoing projects including:

- ♦ *Statewide Variety Trials*: with sites all over the valley, including one each in Sutter and Yuba counties, we provide information about yield and quality for our current rice varieties, as well as varieties in development by the Rice Experiment Station (for over 50 years).
- ♦ *Armyworm Monitoring*: traps are placed throughout the valley (incl. in Sutter and Yuba counties). Luis Espino provides weekly updates allowing growers and Pest Control Advisors to accurately time insecticide applications.

Wild Rice

The wild rice program continues to grow, with new developments in 2024:

- ♦ The first-ever Pest Management Strategic Plan for California Wild Rice will be finished early next year. The document was a product of a participatory meeting with wild rice growers from all over the state.
- ♦ Several promising herbicides were identified through two years of field studies with the IR-4 program. At least 1 herbicide will be available to wild rice growers in 2024. This will give growers new tools to decrease the selection of herbicide resistance.



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Rice and Wild Rice Advisor
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Rice Team



Taiyu Guan
Assistant Specialist



Troy Clark
Staff Research Assoc.



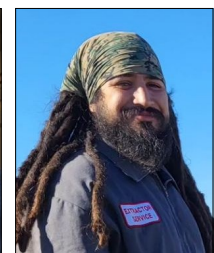
Connie Baez Vega
Junior Specialist



Vanessa Varela
Junior Specialist



Jaskirat Pandher
Ag Technician



Victor Barragan, Jr.
Ag Technician

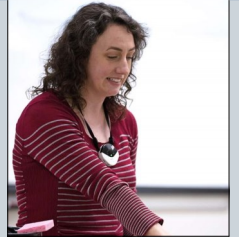
Rice Team

Addressing local concerns as part of the community

Agronomic Crops and Nutrient Management

Agronomy Advisor Sarah Light continues to collaborate with farmers, natural resources partners, and university colleagues on projects related to agronomic crop production and soil health management. Project successes and update from the last year include:

- ◆ First UC on-farm garbanzo bean variety trial hosted in the region. The trial evaluated new UC varieties on three commercial fields throughout the state.
- ◆ Hedgerow with native species (trees, shrubs, grasses) successfully established in collaboration with Rice Advisor Whitney Brim-Deforest. Soil, plant survival, and pest pressure data have been collected.
- ◆ Soil water measurements were collected from 10 fields planted to winter cover crop in Sutter and Colusa Counties as part of a multi-year project to better understand cover crop water use in annual systems.
- ◆ Data verification completed for the development of a Cover Crop Selection Tool for the West. Cover crop species performance was evaluated for a range of on-farm goals. Local experts participated in extensive meetings to share regional data.
- ◆ The third year of a field trial evaluating grazing, baling, or disking a summer cover crop was completed in Colusa County.
- ◆ The project evaluating the impact of almond shell application to established alfalfa fields was completed. In year two, soil water measurements were collected in addition to other soil and crop measurements.
- ◆ Cover crop demonstration plots were planted in Sutter County.
- ◆ Sarah is an active participant in the California Farm Demonstration Network, which is a statewide, multi-agency collaborative project.
- ◆ Finally, Sarah traveled to Dundee, Scotland where she worked at the James Hutton Institute on sabbatical for the summer. Her project there focused on symbiotic endophytes (microbes that live within plants) of barley.



Sarah Light
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Thank you to the growers who have worked with me and dedicated significant time and resources toward to success of these projects. The work would not be possible without you!



Facilitating problem-solving and outreach

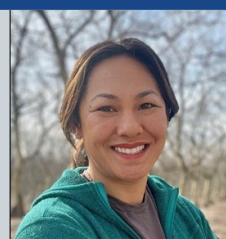
Orchard Crops

Clarissa continues to learn about the needs of walnut, peach, and kiwifruit industries in Sutter-Yuba counties by participating in individual farm calls to meet growers and answer questions about tree health and management practices.

Program highlights of this year include:

- ◆ **Third Thursdays: Things from the Field.** UCCE Sac Valley Orchard Advisors host informal meetings every Third Thursday of the month. These small group discussions are open to anyone who works with orchards to meet their local farm advisors, learn about seasonal management strategies for field-based challenges, and ask UCCE Specialists questions about their individual operations.
- ◆ **Two new walnut whole orchard recycling trials** in Sutter and San Joaquin counties. Whole orchard recycling is an alternative orchard removal practice that involves chipping old trees after they are pulled from the ground and reincorporating this biomass into a new orchard site, which reduces air pollution, recycles carbon and other nutrients into the soil, and provides many other soil health benefits. This project aims to develop fertilization guidelines to implement whole orchard recycling in walnut orchards.
- ◆ **Perspectives on Walnut Economics Panel Discussion** A panel discussion of growers and industry leaders provided context about where the walnut industry stands, how it got to where it is today, and what to expect for the future. It also addressed the importance of maintaining walnut quality, marketing to US consumers, and maintaining international markets.

The latest orchard research updates, event announcements, and information on orchard management tools and practices can be found at SacValleyOrchards.com.

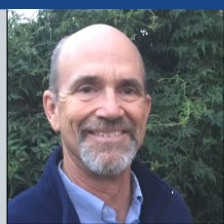


Clarissa Reyes
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Niederholzer named Certified Crop Adviser of the Year

Western Region Certified Crop Advisers named Franz Niederholzer, a UC Cooperative Extension orchard systems advisor, their **2024 Western Region Certified Crop Adviser of the Year**. The award recognizes a certified crop adviser who has shown exceptional dedication and leadership that has made an impact in the organization and industry.



Franz Niederholzer
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Niederholzer, who became a UCCE advisor in 2002, works with prunes, almonds, pears, apple, cherry, olive, plum, citrus, and pomegranate in Colusa, Sutter and Yuba counties. His studies include orchard mineral nutrition, rootstock evaluation, cropland management, and airblast spray coverage and drift.

The award for Certified Crop Adviser of the Year in the Western Region acknowledges a member's exemplary dedication and contributions to agriculture as a Certified Crop Adviser. This individual also actively encourages and leads others to advocate for agricultural practices that are advantageous for both farmers and the environment.



Facilitating participation of stakeholders

Climate Smart Agriculture Program

The UC ANR Climate Smart Agriculture (CSA) Program is new to the Yuba-Sutter area. We provide outreach, education, technical assistance and help with implementation for the Yuba and Sutter Counties farmers and ranchers for the CDFA's Incentive grant programs. The Healthy Soils Program (HSP) and State Water Efficiency and Enhancement Program (SWEET) grants benefit the farmers and ranchers while also reducing water use, improving soil health, and promoting manure management practices.

During the last year, the program has been able to build trust with the farmers and ranchers in the community. In line with our goals, we have been meeting the farmers to discuss their needs for their orchards. We have created several resources including our website, writing blogs, and a Facebook page.

While working closely with the Sutter & Yolo Resource Conservation District (RCD) utilizing their mobile irrigation lab (Weta grant), we were able to provide free pump testing to farmers for their grant applications. This was one cost that would have otherwise come out of the farmer's pocket.

During our first year we have been able to provide computer services and education to farmers who wanted to submit applications. We assisted 10 of CDFA's HSP grant applications and 35 SWEET grant applications. We also helped farmers apply for and were awarded other grants that fit their needs.

Zero Foodprint - "Restore" grant

Zero Foodprint - "Compost Connector" grant

AgWest Farm Bureau – "New Producer" grant

Through community outreach and education activities the program has supported farmers in 4 different languages, provided computer support to 30 farmers of which 28 of them were socially disadvantaged and 8 of them were small farms. While helping with the implementation of Climate Smart Agriculture practices, the program was able to connect 15 growers to the equipment or suppliers that they needed to fulfil their grant. The program engaged in 5 field days on various climate smart agricultural topics that in total reached 325 producers.



Heather Montgomery
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Forestry & Natural Resources



Forests and woodland encompass 48% of acreage in Yuba County and supports major tributaries of the Sacramento River. To improve management of our forest and woodland systems, and their residents, UCCE works with private forest landowners, professional forest practitioners, local agencies, and rural householders to tackle major issues of concern.

In 2023-2024, our extension activities focused on targeted reforestation and forest stewardship trainings for local landowners and resource professionals. We also expanded ongoing research on small diameter fuels reduction to examine the effectiveness of grazing in managing resprouting vegetation after high severity wildfire.

This year, we have also expanded workforce development efforts with development of new curriculum, additional Forestry Institute for Teachers workshops, and growth of the California Forestry Mentorship program to include 76 forestry students. In the coming year, we plan to expand reforestation and GIS training workshop opportunities to support local workforce development.



Ricky Satomi
Forestry and Natural
Resources Advisor
Sutter, Yuba, Butte, Nevada

Forestry Education Program

UCCE's Forestry Education program collaborated with the California Society of American Foresters to bring the Forestry Institute for Teachers (FIT) program to California educators. For 30 years, FIT has provided week-long trainings that help PreK-12 educators introduce students to forest management concepts and career opportunities through hands-on learning. Participants ultimately develop a lesson plan, which incorporates forestry principles into the classroom, and are provided with a stipend for implementing their classroom lesson. FIT also certifies educators in Project Learning Tree (PLT) and Project Water Education Today (WET) Environmental Education curricula and offers Continuing Education Units from UC Davis or Cal Poly Humboldt to ensure continued literacy of California educators. Four FIT sessions, hosted in Humboldt, Shasta, El Dorado and Tuolumne counties, trained 99 educators from 28 counties across the state, representing a diverse range of formal and non-formal educators. This fall, FIT rolled out two 3-Day FIT-Focus sessions in Mendocino and Plumas counties to offer participants a deeper dive into special concepts, such as forestry tool use, career pathways and disturbance ecology.

The program continues to enhance workforce development through the creation of lessons exploring key concepts and skills used in forestry and natural resource management. These activities have supported UC Environmental Stewards, California Conservation Corps, Lake Tahoe Community College, California Tree School, Berkeley Forests, and other post-secondary audiences to learn about forestry.



Austin Roughton
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Leading the way to science-based solutions

4-H Youth Development Program

4-H has a long history of supporting youth in U.S. military families. Recently, in 2024, the 4-H program in Yuba County supported three program implementations for the Beale Air Force Base Youth Center. In total, 22 youth from military families participated in 4-H programming at the Beale AFB Youth Center, which included Embryology, Junk Drawer Robotics, and Wings Butterflies Project. Each program provided youth with an opportunity to feel a sense of belonging in a nurturing developmental context where they engaged in hands-on experiential learning projects, such as how to raise a chick from a fertilized egg, how to design a simple circuit, and how to identify the parts and marks of a butterfly. To ensure a successful program delivery, the 4-H program worked closely with the Beale AFB Youth Center Staff by providing three train-the-trainers, one training for each 4-H program. Through this partnership, 4-H and Beale AFB Youth Center staff provide opportunities for youth in military families to engage in high quality programs to meet a variety of community needs, such as youth mental health.



The Sutter-Yuba 4-H Youth Development Program participated in Yuba Sutter Farm Bureau's 19th Annual Farm Day in September. Farm Day is an annual event put on by the Yuba Sutter Farm Bureau where 2,000+ local third-grade students, teachers, and parents visit the Yuba-Sutter Fairgrounds for a fun-filled day of learning all about agriculture. Farm Day provides educational exhibits (equipment, livestock, and crops), and demonstrations geared toward educating local 3rd grade students on the important role agriculture plays in our lives.

We displayed our 4-H Embryology program and taught kids about the lifecycle of an egg. Our teen leaders presented to each group rotation that stopped at the booth. We had 1,901 students from 87 classes stop by our booth.



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Rene McCrory
4-H Secretary
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Integrated Pest Management Program

The integrated pest management (IPM) program continued conducting education and research programs to support growers, pest control advisers, and other stakeholders on pest management issues. In 2024, the pest management research efforts included:



1. Surveys of invasive carpophilus beetle and brown marmorated stink bug.
2. Evaluations of the effects of kaolin clay on walnut pests.
3. Evaluations of predatory mite release for spider mites control.

Field evaluations of a new walnut husk fly lure in walnuts in collaboration with other UC colleagues.

The results of these studies are regularly disseminated through newsletters and presentations at the grower's meetings. Likewise, the IPM program continued providing pest management education programs through newsletter articles, media interviews, one-on-one

farm calls, and presentations at grower meetings. Sudan also monitored key almond, walnut, and peach pests, providing the degree day information to clientele.



Sudan Gyawaly
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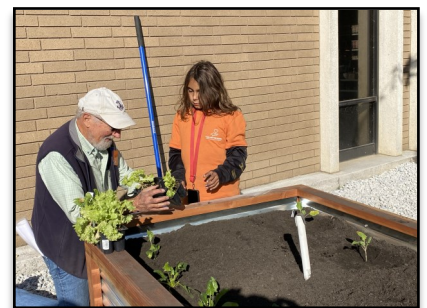
Master Gardener Program

The UC Master Gardener program of Sutter-Yuba counties is a group of 61 trained, dedicated, and passionate volunteers whose mission is disseminating horticulture information to home gardeners.

The UC Master Gardener Learning Garden at the Yuba-Sutter Fairgrounds was the centerpiece for the summer and fall garden workshop series which covered questions on what and when to plant, pest management, irrigation specifics, pruning, companion planting guidelines and much more. Further, the produce harvested from the learning garden was donated to vulnerable populations within the counties.

Collaboration projects with Habitat for Humanity at Harmony Village, Casa De Esperanza, and the Blue Zones Project continued and expanded over the previous year. Additional work was conducted with a number of schools to teach gardening education while assisting with implementing or improving upon existing garden structures at those schools.

Community outreach events: Farmer's Market in Yuba City and in Linda, Yuba Home, Garden and Recreation Show, Yuba-Sutter Farm Bureau Farm Day, AAUW's Garden Tour, 93Q Public Radio Show, Annual Spring and Fall Plant Sales, Yuba Environmental Science Charter Academy (YES), Yuba County Be Prepared Fair, Learning Garden Workshops, Be Well Sutter County, and Yuba-Sutter Fair.



Cheryl Hoke
Master Gardener Program
Community Education
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CalFresh Healthy Living

Olivehurst Community Serves Up “Cool”inary Cooking Club for 60 Students at Ella Elementary After School Program. In the ‘23-’24 school year, CalFresh Healthy Living, UCCE in collaboration with the Sutter-Yuba 4-H Program trained Ella Elementary School’s after school program staff in the Cooking Academy Curriculum that they then adapted to continue cooking healthy, delicious recipes. The club started at the beginning of the school year and ran for one hour each day, Monday through Thursday. The club was split into two sessions for the school year, October through December and January through May. There were 30 students enrolled per session and at the end of each one, there was a food-centered celebration where students received a certificate of completion. The Marysville Community rallied together to support “Cool”inary Cooking Club after learning about how much enthusiasm the students had for learning these important life skills.



Expanded Food and Nutrition

Over the past year, the Expanded Food and Nutrition Education Program collaborated with the Sutter Adult School to deliver a series of nutrition and physical activity education sessions to 84 participants who are learning English as a second language. The participants engaged in six lessons and received a certificate of completion. They were invited to complete a voluntary survey to self-report changes in their lifestyle behaviors. The findings are summarized as follows:

- **Physical Activity** Key Fact: 98% (79 of 81) showed improvement in physical activity behaviors.
- **Food Resource Management** Key Fact: 100% (81 of 81) showed improvement in one or more food resource management practices.
- **Diet Quality** Key Fact: 99% (80 of 81) showed improvement in one or more diet quality indicators.
- **Food Safety** Key Fact: 98% (79 of 81) showed improvement in one or more food safety practices.
- **Food Security** Key Fact: 90% (73 of 81) showed improvement in one or more food security indicators.



Veronica Van Cleave-Hunt
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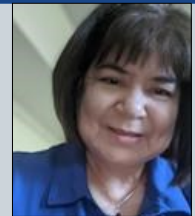
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Practical. Trusted. Connected.

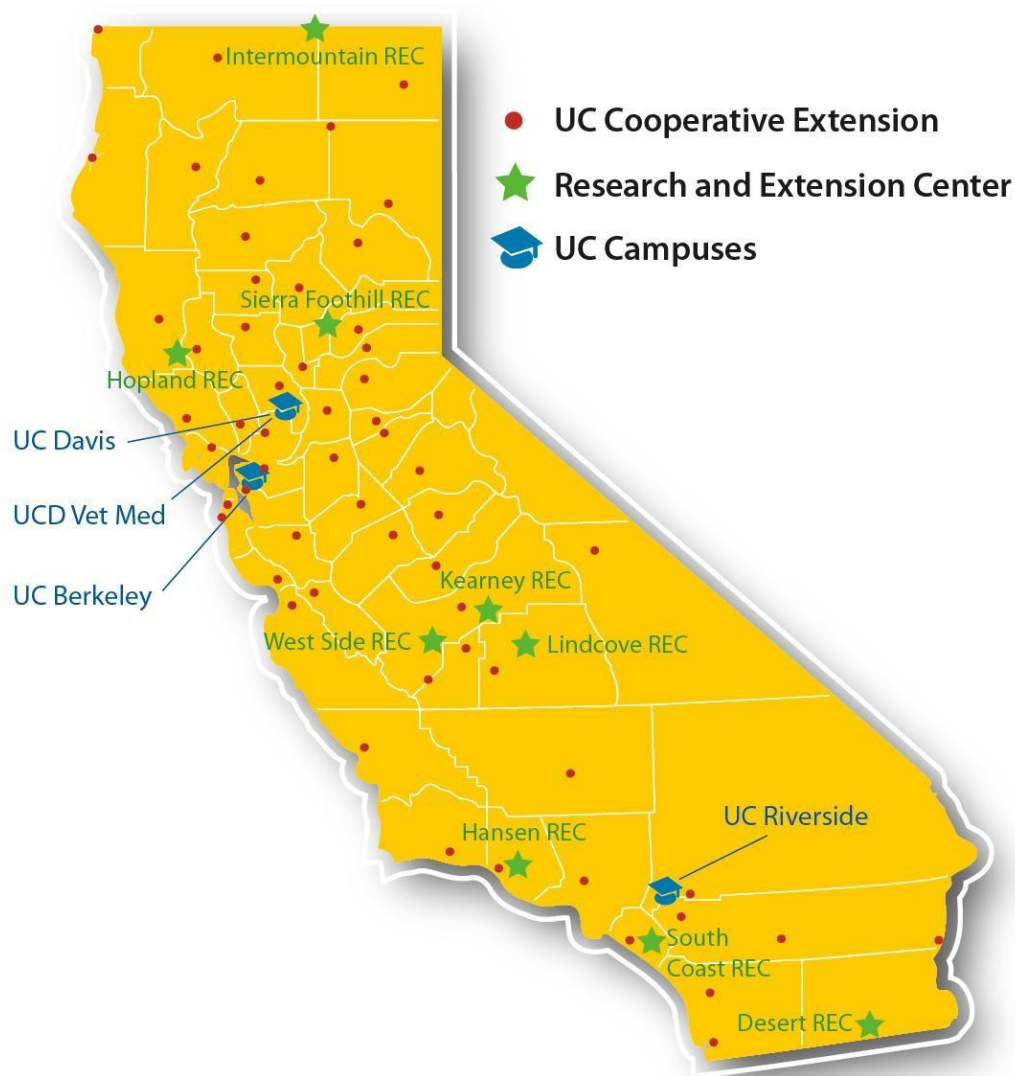
University of California Agriculture and Natural Resources shares science-based information and practices to **improve lives and livelihoods**.

Extending UC's world-class research beyond the system's 10 campuses, we provide expertise and foster partnerships across **all 58 counties in California**.

For more than 100 years, we have been the go-to source – right in your community – for **innovative solutions and practical tools**.

To help meet your needs in agriculture and natural resources, wildfire resilience, environmental stewardship, food systems and nutrition, and youth and community development...

We are here for you.



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We appreciate your continued support!

Area Director

Preet Ahluwalia

UCCE Sutter-Yuba Advisors

Whitney Brim-DeForest, Rice and Wild Rice Advisor
Sarah Light, Agronomy Farm Advisor
Clarissa Reyes, Orchard Systems Advisor
Ricky Satomi, Forestry and Natural Resources Advisor

Cross-County Advisors

Franz Niederholzer, Orchard Systems Advisor
Sudan Gyawaly, Integrated Pest Management Advisor
Betsy Karle, Dairy Advisor
Andrea Northrop-Warner, Livestock and Natural Resources Advisor
Matthew Rodriguez, 4-H Youth Development Advisor
Veronica Van Cleave-Hunt, Community Nutrition, Health and Food Security Advisor

UCCE Sutter-Yuba Staff

Melissa Ussery, Nutrition Education Supervisor
Kenia Estrada, CalFresh Community Education Specialist
Adam Yandel, CalFresh Community Education Specialist
Sonia Rodriguez, EFNEP Community Education Specialist
Taiyu Guan, Assistant Specialist
Troy Clark, Junior Specialist
Consuelo Baez Vega, Junior Specialist
Victor Barragan, Ag Technician
Jaskirat Pandher, Ag Technician
Austin Roughton, Forestry Youth Education Coordinator
Clair Akin, Cover Crop Tool Selection Coordinator
Heather Montgomery, Climate Smart Agriculture
Mary Zoller, 4-H Regional Program Coordinator

County Staff

Michele Searcy, Executive Secretary
Rene McCrory, 4-H Secretary/Office Assistant III
Cheryl Hoke, Master Gardener Program Cooperative Education Specialist
Shilpi Pandit, Office Assistant I - Extra Help
Sierra Jefferson, Office Assistant I - Extra Help



