

October 2020



## UC Cooperative Extension Central Sierra

*Serving Amador, Calaveras, El Dorado and Tuolumne counties.*

### Your monthly news & event announcements

*As the State of California remains in the shelter-in-place order to slow the spread of COVID-19, UC Cooperative Extension Central Sierra is still working remotely. We are here to answer your questions and address needs during this unprecedented situation.*

Join our mailing list.

Greetings,  
Fall is finally here, hopefully it will start feeling like it very soon. And, it finds us still working remotely. While we continue to reach out to our communities through online classes and events, our commitment to our clientele remains stronger than ever as we continue to find ways to address your needs. And, while we continue most of our outreach in a virtual format, we continue to conduct research that benefits our communities. Please don't hesitate to reach out to our team should you have questions.

Please take care and stay healthy.

Sincerely,

JoLynn Miller  
Director and 4-H Youth Development Advisor  
University of California Cooperative Extension Central Sierra

Visit our Website



## UCANR - Coronavirus and COVID-19

In cooperation with COVID-19 precautions from the State of California, our UCCE offices will be closed to the public until further notice. While we regret the inconvenience, our in-person events will be limited for the near future. Please see our [calendar](#) or call us to learn more about virtual and in-person opportunities to connect with us.

You can contact us by our main phone number at (530) 621-5502, or by email at [cecentralsierra@ucanr.edu](mailto:cecentralsierra@ucanr.edu).

## UC ANR Things of Interest

### UC California Naturalist Program Launches UC Climate Stewards

Authors: Sarah-Mae Nelson and Brook Gamble

On July 7, 2020, we launched the first UC Climate Stewards Instructor Training with 17 instructors from 11 pilot partner organizations across the state. Due to COVID-19 restrictions on meeting in person, we turned our planned 3-day, in-person training into a virtual venture. We chose to spread our 24 hours of training out over 8 days to best accommodate our trainers' schedules and offer the breaks and timing needed in the virtual environment.

[Continue reading...](#)



## UCCE Central Sierra Agriculture

### **Online Air Blast Sprayer Calibration Course Now Available!**

UC Cooperative Extension, UCIPM, and the Spray Application Pest Management Alliance Team, with support from California's Department of Pesticide Regulation (DPR) Pest Management Alliance grants program, have developed a comprehensive online course for calibrating air blast sprayers!

Co-authored by Lynn Wunderlich, UCCE Farm Advisor in the Central Sierra, and Franz Niederholzer, UCCE Farm Advisor in Colusa/Sutter/Yuba counties, this unique course is for pesticide applicators, application supervisors, growers, Pest Control Advisors, and anyone involved in spray decision making in perennial crops (trees and vines).

The interactive course, developed by UCIPM online course design experts Petr Kosina and Cheryl Reynolds, is presented in narrated text, photos, video clips and animation to engage you! The course includes 5 modules:

1. Why proper calibration is critical for your operation's success.
  2. Equipment: Parts of an axial fan air blast sprayer.
  3. The calibration formula-how to measure the variables and do the math.
  4. Spray drift: droplet size, fan speed, weather, and how to manage.
  5. Spray team communication.
- 2.5 California DPR CE credits have been approved (2.0 other, 0.5 laws). You must complete all of the course modules and pass the final exam with at least 70% to receive your CEUs.

With the support of DPR's Pest Management Alliance grants, this course is now available for FREE, until December 31, 2020.

The course is housed on the eXtension Campus website, a part of the Cooperative Extension System.

To access the course: <https://campus.extension.org/course/view.php?id=1787>



You must have an account first in <https://campus.extension.org/> (available without charge). Create a new account or simply use your existing Google or Microsoft account for login.

Questions or Comments? Email Lynn Wunderlich at [lrwunderlich@ucanr.edu](mailto:lrwunderlich@ucanr.edu).

## Foothill Fodder: Smoke in a Bottle

Author: Lynn Wunderlich

Fodder Family! There was a time, not too long ago, when California wine growers and geeks scrunched up their nose and asked "Smoke taint, is that really a thing?" Back before the 2013 Rim Fire (257,314 acres burned), the 2014 King Fire (97,717 ac), the 2015 Rough Fire (151,663 ac), the 2016 Chimney Fire (46,344 ac), the 2017 Thomas Fire (281,893 ac), the 2018 Mendocino Complex (459,123 ac), the 2019 Kincade Fire (77,758 ac), and most certainly before this horrific year of wildfires-SCU, LNU Lightning, North and August Complex Fires (over 2 million acres burned). Back before Purple Air was on everyone's phone like the weather and when home air purifiers were still on the shelf at the local big box store. Back before Napa's ETS labs had a 40 day backlog for processing smoke taint samples and the term "smoke" was associated with a pleasant tobacco like character picked up in complex red wines. But, like climate change, smoke taint has been creeping in as an issue we can no longer ignore. The Aussies knew it first, of course. And now, armed with \$2 million of newly awarded research funds, West Coast USDA and University researchers have added winegrape smoke taint to their list of critical wine industry issues to address. Anita Oberholster, our UCCE Enology Specialist at UC Davis, is one of the researchers doing just that. Anita recently shared some critical information on smoke taint during the California Alliance of Winegrape Growers (CAWG) hosted webinar on Wildfire and Smoke Exposure Events.



[Continue reading Smoke in a Bottle blog post...](#)

## Tuolumne County Online Continuing Education: Farm Employee Safety Seminar & Spray Safe Events

<b>SAVE THE DATES!</b>	<b>FARM EMPLOYEE SAFETY SEMINAR</b>	<b>SPRAY SAFE</b> A FARMER TO FARMER COMMITMENT TO YOU
	<b>NOVEMBER 19, 2020</b> OSHA REQUIRED COURSES <b>2 HOURS CEUs</b> SEXUAL HARASSMENT PREVENTION TRACTOR AND IMPLEMENT SAFETY PESTICIDE HANDLER HEAT ILLNESS PREVENTION THIS WILL BE A VIRTUAL DAY YOU WILL ADMINISTER FOR YOUR EMPLOYEES ENGLISH AND SPANISH AVAILABLE!	<b>NOVEMBER 20, 2020</b> <b>3 HOURS LAWS &amp; REGS</b> <b>1 HOUR OTHER</b> VIRTUAL EVENT ON ZOOM <b>FREE HOURS</b> RSVP TO BE ENTERED INTO THE RAFFLE

The Tuolumne County Ag Commissioner's Office has partnered with the Tuolumne, Stanislaus and Merced County Farm Bureaus, and the Stanislaus and Merced County Ag Commissioner's Offices to offer a Spray Safe Event on November 19<sup>th</sup> for employees and November 20<sup>th</sup> for growers.

Stanislaus County Spray Safe is a unique event that offers CE Hours (3 hours of Laws and Regs & 1 hour of Other) for growers and required training classes for employees at no cost, thanks to our generous sponsors. This event draws in 400 plus people each year, and is something our growers depend on for their required CE hours and training for employees. With ongoing health concerns across the nation, we have been told that a large gathering is out of the question for 2020. Therefore, both events will be webinars.

**Please reach out to Stanislaus County Farm Bureau if you have questions. 209-522-7278.**

## UCCE Central Sierra Forestry

### California Forest Stewardship Workshop

Workshop Session and location.

- **November 3, 2020 - January 11, 2021**, Online Weekly classes Classes from 6:00 to 7:30pm. In-person Saturday, November 21, 2020 in Mariposa County

Join the workshop to understand and protect your forests by developing a Forest Management Plan.

**Topics include:**

- Forest management objectives and planning
- Forest health, insects and disease
- Forest and fire ecology, wildlife, watersheds
- Fuels reduction and forest resource marketing
- Mapping, inventory and silviculture
- Project development & permitting
- Getting professional help and cost-share opportunities

Participants will utilize online resources on their own time to complete learning modules and short activities. Zoom meetings with all participants and presenters will take place once a week on Wednesdays, 6-7:30pm. The in-person field day will cover silviculture, forest inventory and mapping activities. Participants who complete the workshop will be eligible for a free site visit with a California Registered Professional Forester.

**Registration:**

Registration for the workshop costs \$60. Materials will be provided. Breakfast and lunches will be provided for in-person workshop days.

For registration and more information see the [Forest Stewardship Workshop Webpage](#).

Download the [Forest Steward Ship Workshop flyer](#).

### Forest Stewardship Education Initiative First Year Implementation report

This report is intended to update the Forest Management Task Force on implementation of the Forest Landowner Outreach and Education Working Group recommendation on forest stewardship education. The goal of the Forest Stewardship Education Initiative is to engage forest landowners to better understand and protect their forests by developing a forest management plan. Participants develop management objectives, learn basic concepts on forest and fire ecology; fuels reduction and forest resource marketing; and develop mapping and inventory skills. Participants interact with Registered Professional Foresters and other forestry professionals to help develop their plans and participate in cost-share opportunities.

Forest stewardship is based on conservation principles that ensure protection of forest resources including wildlife, timber, soil, water recreational opportunities and natural beauty. Forest stewards

actively manage their land by following management objectives based on multiple resources, are economically viable and conserve natural resources.

[Continue reading...](#)

## **Proper Land Management Can Help Forest Owners Ease Wildfire Risk Following Mass Tree Die-off**

**Author: Jeannette E. Warnert**

The massive die-off of conifers in the Sierra Nevada between 2012 and 2018 was predictable and unprecedented. Sadly, it is also likely to happen again, said UC Cooperative Extension forestry advisor [Susie Kocher](#).

To help landowners manage forests in a way that minimizes the risk of such catastrophic tree die-off and the threat of uncontrolled wildfire, Kocher and two colleagues produced a 20-page publication that summarizes current research on tree mortality and outlines actions that can be taken to make the forest more resilient. The publication, [Mass Tree Mortality, Fuels, and Fire: A Guide for Sierra Nevada Forest Landowners](#), is available for free download from the UC Agriculture and Natural Resources catalog.

Written by Stanford graduate student Devin McMahon (now graduated), UC Berkeley Cooperative Extension forest health specialist [Jodi Axelson](#) and Kocher, the publication presents the extent of the die-off in the Sierra Nevada, and describes different factors that contributed to the vast loss of tree life – including land management practices, weather patterns and geography. It includes detailed reporting on the mortality's impacts on fuels and fire risk so landowners and managers can understand and develop strategies to prevent similar destruction in the future.

[Continue reading the Proper land management can help forest owners ease wildfire risk following mass tree die-off article...](#)

## **UCCE Central Sierra Livestock & Rangelands**

### **Pest Alert: Mediterranean oak borer**

The Mediterranean oak borer (MOB) is an invasive ambrosia beetle native to the Mediterranean region, including Europe, the Middle East, and North Africa, where it primarily attacks oak species. The first North American infestations of MOB were confirmed in valley oaks in Napa County, California in late 2019, followed by Lake and Sonoma Counties in early 2020. More recently it has been found in Sacramento County.



MOB attacks at least 12 species of oaks in its native range. In California, it has been found infesting two species of white oak: most commonly valley oak and, to a lesser extent, blue oak. A single, very limited attack was found in a severely distressed California black oak.

MOB creates tunnels (or galleries) in the trunks and branches of host trees. It initially attacks the crown of the tree, where it will kill individual limbs. Infestation can continue over several growing seasons, eventually invading the main trunk and killing the entire tree. Infested trees can become a hazard when widespread galleries weaken their limbs and upper trunk. This can lead to premature failure, especially if combined with heart rot.

Download the [Pest Alert Flyer](#) for more details.

## Cattle Health Concerns Remain After Wildfire Passes

Authors: Theresa Becchetti, Sheila Barry & Gaby Maier

*Adapted from Wildfire Aftermath: Beef Cattle Health Considerations, Russ Daly, DVM, South Dakota State University and Wildfire, Smoke and Livestock, John Madigan, David Wilson, Carolyn Stull, School of Veterinary Medicine, University of California, Davis.*

During a wildfire, your immediate concern for your cattle may be losing them to the fire. Burns may be so severe that the humane thing to do is to put them down, but unfortunately, that may not be the end of the worries about their welfare, which is why their status must be assessed daily. Wildfires can result in longer term health complications. Animals may stop eating after a few days to weeks when their status starts to deteriorate. Below are things to be aware of.

### Lungs

Smoke inhalation can have long-term effects as well as immediate effects on the respiratory system. Check for facial or muzzle burns or even a crusty nose for signs of an animal who is likely to have suffered smoke inhalation. Here's what to expect from smoke inhalation:

### Short term

- **1-24 hours:** Pulmonary edema. Fluid builds up in the alveoli (air exchange areas deep in the lungs) due to the irritant effect of smoke. Rapid, moist breathing and coughing will result. You may see some frothing at the nose.
- **Several hours to several days:** The small airways deep in the lungs swell up, making it harder for air to pass through to the alveoli, where the oxygen exchange happens. Heavy, labored breathing and wheezing is a result as air whistles through the partially blocked airways.

[Continue reading the Cattle health concerns remain after wildfire passes...](#)

## UCCE Central Sierra Living with Fire

### Be Prepared for Fire Season!

Are you prepared for fire season? There are many things that you can do to help make your home and property more fire resistant. We all face these challenges every summer as the vegetation becomes dryer and dryer. Don't let down your guard. Visit the [UCCE Living with Fire webpage](#) for information and resources.

Publications that can aid you on your endeavor of becoming more fire resistant:

[Landscaping Tips to Help Defend Your Home from Wildfire](#), UC ANR Publication 8322

[Fire Resistant Landscaping](#) - CalFire's firesafe landscaping information.

[The Combustibility of Landscape Mulches](#), UNCE Publication

## UCCE Central Sierra Master Food Preservers

As we create a plan to return to work we are still working remotely to answer your questions and address needs during this unprecedented situation. Check out our [website](#), or our "[Ask a Master Food Preserver](#)" link or call 530-621-5506 to leave a message and someone will return your call.

Thank you for your understanding.



# UC Master Food Preserver Program Website Food Preservation Libraries



Looking for food preservation information and videos? Visit the statewide [UC Master Food Preserver website](http://mfp.ucanr.edu) at [mfp.ucanr.edu](http://mfp.ucanr.edu) and browse through three different libraries highlighting information gathered from Cooperative Extension office across the state.

1. [Video Library](#)
2. [Publications Library](#)
3. [Recipe Card Library](#)

These libraries will be updated on a regular basis as information is available.

## Follow Us Online

### UCCE Master Food Preservers of Central Sierra

#### Amador/Calaveras

- Phone: 209-223-6482
- Email: [acmfp@ucanr.edu](mailto:acmfp@ucanr.edu)
- Online: [Ask a Master Food Preserver](#)
- Look for us on [Facebook](#)

#### El Dorado County

- Phone: 530-621-5506
- Email: [edmp@ucanr.edu](mailto:edmp@ucanr.edu)
- Online: [Ask a Master Food Preserver](#)
- Look for us on [Facebook](#)

## UCCE Central Sierra Master Gardeners

While we work on plans for resuming meetings or small classes, our UCCE Master Gardeners are still available to answer your questions! When leaving phone messages, be sure to include your contact information so they can get back to you with answers. You can also explore our online resources, including [monthly gardening tips](#), original articles written by UCCE Master Gardeners in [Amador](#), [Calaveras](#), [El Dorado](#), and [Tuolumne](#) Counties, and [South Lake Tahoe](#), and [Over](#)



[the Garden Gate](#), a radio show presented by the UCCE Master Gardeners of Tuolumne County's, by visiting our [UCCE Master Gardeners of Central Sierra website](#) anytime!

## Online Class Recordings

Amador County's [Handouts and Presentations webpage](#).

El Dorado County's [Presentations and Handouts webpage](#).

Tuolumne County's [Presentations and Class Recordings webpage](#).

Tuolumne County's [Over the Garden Gate Master Gardeners' local broadcast](#).

## Upcoming Online Gardening Classes

Master Gardener Programs across our 4 county area have been hosting live online gardening classes. You must register to get the link to join the classes in most cases and any residents of Amador, Calaveras, El Dorado and Tuolumne counties may attend these classes:

10-7: [Gardening in a Changing Climate, Part 5](#), hosted by UCCE Master Gardeners of El Dorado County

10-10: [Your Home Orchard: All About Apples & Pears Online Class](#), hosted by UCCE Master Gardeners of Amador County

10-17: [Oaks of El Dorado County Online Class](#), hosted by UCCE Master Gardeners of El Dorado County

10-21: [Ask a Master Gardener Online Q & A Class](#), hosted by UCCE Master Gardeners of El Dorado County

10-31: [Putting Your Vineyard and Garden to Bed Online Class](#), hosted by UCCE Master Gardeners of Amador County

## Central Sierra Victory Gardens 2020

The **Central Sierra Victory Gardens 2020** Facebook group now has 389 members, but we would like more. **Come Join us!**

- **Share** your veggie, fruit & herb gardens, photos, progress, trials, and successes with others as we share information, resources and our own gardens.
- **Connect** with other local gardeners, be less isolated and go outdoors and be productive in these trying times.
- Our main push as Master Gardeners is to **share gardening information** to the home gardeners of our counties. Help us accomplish our goal by using this group to connect and share with others in your area.

Join us on Facebook for our new community! Click the link and

click **JOIN**. <https://www.facebook.com/groups/2869134093201149/>

This is for ANY resident of Calaveras, Amador, El Dorado or Tuolumne Counties

- Our community can share their veggie, fruit & herb gardens and experiences with us on social media as we share information and our own gardens
- We can help others feel less isolated and encourage them to go outdoors, de-stress and be productive in these trying times.
- The more folks stay at home the more they may need to participate with others and connect online.
- Other gardeners grasp the joy in watching your seedlings grow or the horror the sight of a gopher generates.
- The UCCE Master Gardeners joined together to create this Group specifically for our area.

We'd love it if you'd also **invite your gardening friends** to join us and share our new group!

## Master Gardener Training in Tuolumne & Calaveras Counties

You probably know a Master Gardener and may not even know it. Master Gardeners are your neighbors. We live in your community, and work in your local nurseries and hardware stores. Master Gardeners love plants and gardening and face the same gardening challenges that you do. We may be members of the local garden club, rose society, or California Native Plant Society. Master Gardeners are volunteers trained and certified by the University of California Cooperative Extension in home gardening and horticulture. We promote the application of useful basic gardening practices. Our purpose is to teach and extend research-based information to home and community gardeners.



The Master Gardener Program is an educational and public service component of the University of California Division of Agriculture and Natural Resources (DANR), which oversees the Cooperative Extension

[Continue reading about Master Gardener Training in Calaveras and Tuolumne counties...](#)

## Farmers Markets

### Calaveras County

Master Gardeners are hosting a [CalaverasGrown Certified Farmers Market](#) at the Master Gardener Demonstration Garden located at 891 Mountain Ranch Road in San Andreas every Thursday of every month from 4:00 pm to 6:00 pm through October. Customers can also use their WIC checks and WIC and Seniors FMNP fruit and vegetable checks at the market.

### El Dorado County

Master Gardeners will be at the [El Dorado Hills Farmers Market](#) in Town Center on the first and third Sunday of each month through October 25th from 8:00 am to 1:00 pm.

### Tuolumne County

Master Gardeners are at the [Sonora Certified Farmers Market](#) every Saturday Morning, through October from 6:30 to 11:30 am.

Have a gardening questions or need a pest identified...? Stop by and see us.

## Follow us on social media!

### [Master Gardeners of Amador County](#)

- Phone: 209-223-6838
- Email: [mgamador@ucanr.edu](mailto:mgamador@ucanr.edu)
- Online: [Ask a Master Gardener](#)
- Look for us on [Facebook](#)

### [Master Gardeners of Calaveras County](#)

- Phone: 209-754-2880
- Email: [calaverasmg@ucanr.edu](mailto:calaverasmg@ucanr.edu)
- Online: [Ask a Master Gardener](#)
- Look for us on [Facebook](#)

### [Master Gardeners of El Dorado County](#)

- Phone: 530-621-5512
- Email: [mgeldorado@ucanr.edu](mailto:mgeldorado@ucanr.edu)
- Online: [Ask a Master Gardener](#)
- Look for us on [Facebook](#)
- Follow us on [Instagram](#)
- Follow us on [Pinterest](#)



### Master Gardeners of Lake Tahoe

- Phone: 530-314-8383
- Email: [laketahoemg@ucanr.edu](mailto:laketahoemg@ucanr.edu)
- Online: [Ask a Master Gardener](#)
- Look for us on [Facebook](#)
- Follow us on [Instagram](#)

### Master Gardeners of Tuolumne County

- Phone: 209-533-5912
- Online: [Ask a Master Gardener](#)
- Look for us on [Facebook](#)

Join us on Facebook for our Victory Gardens 2020 community! Click the link and click JOIN.  
<https://www.facebook.com/groups/2869134093201149/>  
Open to ANY resident of Calaveras, Amador, El Dorado or Tuolumne Counties.

## UCCE Central Sierra 4-H Youth Development

### **Kicking off the 2020/2021 4-H Program Year with a Virtual Bang!**

To kick off the 2020/2021 4-H program year and because we are still under the shelter-in-place directive, 4 of our UCCE Central Sierra Program Representatives will be facilitating 7 virtual 4-H projects with the first one starting on August 17 and running into November. These projects run 6 weeks long each and last from 45 minutes to 2 hours once a week. Projects are open to all 4-H members and non 4-H members (registration is required with a nominal enrollment fee).

**A new Virtual Project was added: Cavies 101** which starts today September 30<sup>th</sup>. For more information call the 4-H Project Leader for more information or join by week 2

To learn more <http://ucanr.edu/csvirtualprojects>. If you have any questions, please contact Nancy Starr, [njstarr@ucanr.edu](mailto:njstarr@ucanr.edu).

## **4-H Youth Development and Tractor Supply Co. Paper Clover Campaign**



**Purchase a Paper Clover at Tractor Supply Co.  
and create more opportunity for kids!**

October 7-18, 2020, purchase a Paper Clover in-store or  
add a donation at checkout on [tractorsupply.com](http://tractorsupply.com)  
Visit [tractorsupply.com/4h](http://tractorsupply.com/4h) for more details.

 NATIONAL 4-H COUNCIL  TRACTOR SUPPLY CO.

4-H and Tractor Supply partnership began in 2010 and has raised over 14 million (nationwide) through the Paper Clover Campaign. 100% of funds raised through each year's Paper Clover fundraisers (one in Spring and one in Fall) goes directly to benefit 4-H Youth Development with 90% going to the 4-H State and local 4-H counties. The funds raised here **in El Dorado, Amador, Calaveras and Tuolumne counties** (a store located in each one of these counties) will go towards our local 4-H youth so they can attend 4-H camp and



leadership development opportunities including State Leadership Conference and several Youth Summits.

**Support your local 4-H Youth Development October 7-18, 2020 by purchasing a paper clover.**

## 4-H Youth Development Calendar

**Enrollment is open for the 2020/2021 Program Year. [Join 4-H Now](#)**

Check your county 4-H website for details about the 4-H Youth Development Program in your area. There you will find information about joining 4-H and becoming a member, the clubs and projects available and the calendar of events.

[Amador County website](#)

[Calaveras County website](#)

[El Dorado County website](#)

[Tuolumne County website](#)

## Join us on social media & follow 4-H from home!

Visit your county's Facebook page for updates and activities to help keep us all connected:

[Amador 4-H](#)

[Calaveras 4-H](#)

[El Dorado 4-H](#)

[South LakeTahoe 4-H](#)

[Tuolumne 4-H](#)

[California 4-H](#)

[California 4-H at Home webpage](#)

[Amador 4-H](#), [Calaveras 4-H](#), [El Dorado 4-H](#), and [Tuolumne 4-H](#) are also officially on instagram! Follow [@California4H](#) to see what's happening around the state. We will be posting fun activities and resources - be sure to check it out!



## UCCE Central Sierra Community Health & Nutrition

Visit our [UCCE Central Sierra COVID-19 Community Resources page](#) for the latest information about food resources and topics in your area.

## Nutrition News for the Central Sierra

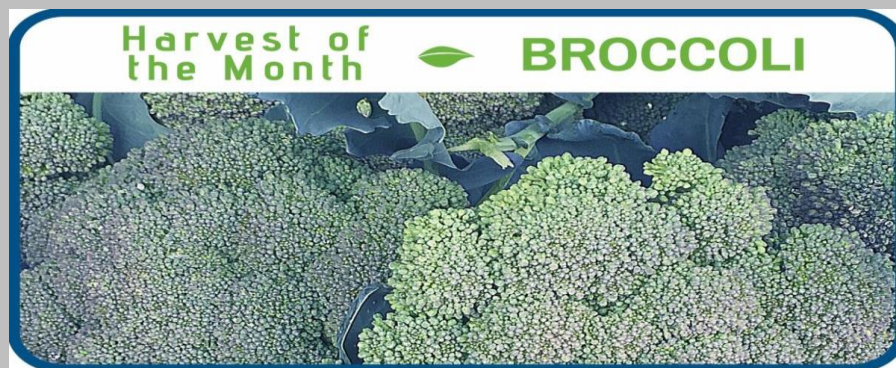
Welcome to our monthly newsletter about food, nutrition, and healthy living in the Central Sierra.

To read the [most recent newsletter](#), or peruse past issues, visit our [website](#), or click below to subscribe.



[Click here to join the Nutrition Newsletter Mailing List.](#)

## Harvest of the Month



As days start to become cooler this October, leafy greens and other cruciferous vegetables will begin to be more commonly available in local markets and gardens. Broccoli is one of the most popular green vegetables, and one of the most versatile, too. Choose broccoli that is brightly colored, not yellowing, and has firm, springy florets. Also, be on the lookout for different forms of broccoli that are becoming more available, like broccoli raab, gai lan, or other types of “sprouting” broccoli. These varieties usually come in bunches of long stalks, rather than heads, and the stalks are just as flavorful as the florets. Any kind of broccoli provides dietary fiber, and is an excellent source of Vitamin C and folate. See below for broccoli recipe ideas, and learn more about broccoli or view its nutrition facts at [Harvest of the Month](#).

### Recipe Ideas:

- [Broccoli Crunch Salad](#)
- [Broccoli Cheddar Soup](#)
- [Beef and Broccoli](#)
- [Chinese Broccoli with Wine and Sugar](#)

## UCCE Integrated Pest Management and more...

### New Publication

#### Field Guide to Common California Rangeland and Pasture Plants

Authors: Larry Forero, Josh Davy, Sheila Barry, James Bartholome, Stephanie Larson

This pocket-sized cardset provides rangeland managers with an easy-to-use photographic guide to 52 of the most important range and pasture plants. Spiral bound and printed on sturdy laminated paper this resource will hold up to rough service in the field.

Each entry contains common and scientific name, lifecycle, habitat, elevation, forage quality, and general information.

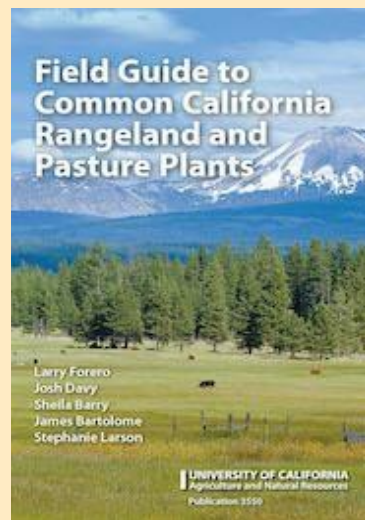
Also includes a comparison table of USDA Plant Database to Jepson e-flora scientific names and a summary table of the covered plants showing their life cycle, habitat, elevation, and forage value at a glance.

64 cards, 3-1/2" x 5-1/4", spiral bound. 2020.

**ANR Publication: 3550**

**ISBN-13: 978-1-62711-073-0**

**\$25.00**



Updated [UC IPM](#) PestNotes

[Green Bulletin, Summer 2020 Issue](#) - Information for pest management professionals and pesticide applicators.

[Plant problem diagnostic tool](#)

[Natural Enemies Gallery](#)

[Weed Identification and Photo Gallery](#)

[Seasonal IPM](#)

[Recent Updates at IPM](#)

[UCIPM Weather Models & Degree Days webpage](#)

Thank you for your continued interest in the UC Cooperative Extension Central Sierra's news, workshops, and events.

Sincerely,

JoLynn Miller  
Director and 4-H Youth Development Advisor  
University of California Cooperative Extension Central Sierra

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#### Quick Links...

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