

# Central Oregon Agriculture

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## Inside this issue:

~C.R.O.P Tours	2
~High Desert EATs	2
~Pasture & Grazing Field Day	3
~Fine Fuels Mgmt Field Day	3
~Central Oregon Forage Field Day	3
~NAFA Alfalfa Checkoff Prog	3
~Alfalfa Disease & Rotations	4
~Community Orchard Project	4
~OSU Range Field Day	4
~Forage Research in C.O.	4
~Canning Safe Salsa Class	4
~Growing Degrees Update	5
~Grass Seed Pathology Plot Tour	5
~Calendar	6

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## New Small Farms and Food Systems Extension Agent

Hello! My name is Clare Sullivan and I recently moved to Central Oregon to start my position as the Small Farms and Community Food Systems Agent with OSU Extension. What exactly does that mean, you ask? On the farming side, I work with small and mid-size farmers in Crook, Deschutes and Jefferson counties to increase the supply and viability of local products. On the food systems side, I work with local partners to help improve the demand and access to locally-produced food. Put those two sides together and I'll be working with many groups on strengthening the local food system!

Until February, I was working west of the mountains as the South Valley Field Crops Extension Agent. There I conducted educational programming and applied research to address the needs of seed crop, grain, mint, and oilseed producers in the Southern Willamette Valley. I really enjoyed working directly with farmers on applied research, and look forward to continuing that work style east of the mountains. I am particularly excited about soil management, participatory plant breeding, farmscaping, and season extension.

Upon meeting me you will realize I am Canadian. I am not from a farming family, but have been studying and working in agriculture for over 15 years. I completed my undergrad in Agroecology from the University of British Columbia, and my Master's in Soil Science from the University of Saskatchewan. Over the years I have had the opportunity to work with many types of agriculture: large-scale grain farms in Saskatchewan, orchard crops in the Okanagan Valley, high-value vegetable and berry farms in the Fraser Valley, grass and legume seed in the Willamette Valley, and intensive small-scale vegetable operations in cities. I find value in all types and sizes of agriculture, and really enjoy being an advocate for the industry.

The primary focus of my position will be supporting small-scale horticultural cropping systems in Central Oregon. I will work to address the needs of growers producing fresh vegetables and fruit, but also small grains, herbs and flowers, hops, and other creative cropping ideas people come up with. I am hoping to launch a beginner farmer training this fall, and put together technical workshops with invited speakers. I have been informally surveying peoples' needs, and will continue doing so to develop my small farms program. Please contact me with any interests, challenges or needs you have around local food production as it will help inform my program.

I am really excited to be in this position and working in sustainable agriculture. I think there is a lot of potential in Central Oregon to build a food system where community members support local growers because they value them, and growers recognize the needs of the community and work to supply those products.

I look forward to hearing from you and hopefully meeting you out at your farm!

Clare Sullivan [clare.sullivan@oregonstate.edu](mailto:clare.sullivan@oregonstate.edu) 541-548-6088

## Youth Tractor Safety Certification

OSU Jefferson County Extension Service 4-H Program will host the Youth Tractor Certification Course for Central Oregon. This course is designated to teach youth, ages 14 to 17 years old, safety as it relates to operating tractors, machinery, and other farm implements and equipment. It includes classroom and tractor driving experience and requires attendance at all sessions. June 26 through 28, 2017 at COARC in Madras. Registration is online at <http://bit.ly/YouthTractorSafetyMadras>

Jon Gandy

**Central Oregon Agriculture** is a bi-monthly newsletter produced by the Central Oregon Extension offices and the Central Oregon Agricultural Research Center (COARC). The intent of this newsletter is to extend agricultural research-based information, to solve problems, develop leadership and manage resources wisely. Please direct comments and changes to the mailing list of your local County office.

◆ Mylen Bohle, Editor, (541) 447-6228

◆ Kim Herber, Ag Newsletter Coordinator, (541) 447-6228

#### Central Oregon County Extension Offices

(all area codes are 541)

**Crook County** Extension Service - Phone 447-6228,  
498 SE Lynn Blvd., Prineville, OR 97754

**Deschutes County** Extension Service - Phone 548-6088,  
3893 SW Airport Way, Redmond, OR 97756

**Jefferson County** Extension Service - Phone 475-7107,  
850 Dogwood Lane., Madras, OR 97741

**Warm Springs** Indian Reservation - Phone 553-3238,  
1110 Wasco St., PO Box 430, Warm Springs, OR 97761

#### Central Oregon Agricultural Research Center

◆ Carol Tollefson, Director, 475-7107

Madras Site - Phone 475-7107, 850 Dogwood Lane, 97741

Powell Butte Site - 8215 SW Hwy. 126, 97753

#### Extension Service & Experiment Station Web Sites

Crook County: <http://extension.oregonstate.edu/crook>

Deschutes County: <http://extension.oregonstate.edu/deschutes>

Jefferson County: <http://extension.oregonstate.edu/jefferson>

Central Oregon Agricultural Research Center:  
<http://oregonstate.edu/dept/coarc/index.php>

#### Central Oregon Agricultural Extension Service Staff

◆ Dana Martin, Regional Administrator, 548-6088

◆ Mylen Bohle, Crops, Cereals, Hay, Pasture and Irrigation,  
447-6228

◆ Tim Deboodt, Range Resources and Livestock, 447-6228

◆ Amy Jo Detweiler, Horticulture, 548-6088

◆ Scott Duggan, Livestock, 480-3091

◆ Jeremiah Dung, Plant Pathology, 475-7107

◆ Glenda Hyde, FCH, Master Food Preservation, 548-6088

◆ Clare Sullivan, Small Farms/Community Food Systems  
548-6088

◆ Toni Stephan, Horticulture and Small Farms Instructor,  
548-6088

◆ Nicole Strong, Forestry, 548-6088

◆ Carol Tollefson, 475-7107

◆ Heike Williams, Bees & Pollinators, 475-7107

◆ Tracy Wilson, Soil Health and Plant Nutrition, 475-7107

The above individuals are devoted to extending agricultural information to producers. Many of the individuals, in addition to agriculture, have assignments in research, 4-H Youth, administration and community resource education. Often it is appropriate to mention brand names of some commercial products; however, they are used only for the purpose of information. Extension does not guarantee or warrant the standard of the product, or does it imply approval of the product to the exclusion of others.

## C.R.O.P. Crook County Farm Tours

The Crooked River Open Pastures (C.R.O.P.) events are held each summer in Crook County. These events provide opportunities to experience the farm and ranch life in Central Oregon. HDFFA along with a dedicated group of farmers and community members in Crook County are offering these FREE farm tours and rotating Farmer's Market throughout the summer. Each farm host will have vendors from 10am to 2pm and will offer free tours and other family friendly activities.

2017 Tour Dates:

- April 29 Bluestone Gardens—Central Oregon Goat Education Day! Activities for all ages.
- May 13 Dancing Cow Farm & Prineville Lavender—Mother's day Celebration! See heritage breed animals, wool spinning, lavender labyrinth and more.
- June 10 Wine Down Ranch and Angels Rest Ranch—Come experience "Timber to Table". Watch and learn from a professional forester. See the cows, pigs and chickens at home on the range.
- July 8 Bluestone Gardens—Goats, cows, piglets oh my! Experience a diversified farm.
- July 22 Just 1 Acre—This farm specialized in lotions and soaps made with products straight from the farm.
- August 5 Farm to Table Community Dinner
- August 19 Good Bike Co.—Saddle up for this pop-up farmers market. Purchase locally grown, raised and crafted food from Crook County farmers.
- September 16 Dancing Cow Farm & Prineville Lavender—Find serenity in a lavender field or find out what a pig's nose feels like. Come tour these beautiful farms in all their Autumnal Glory!
- September 30 Auntie Beans—Find autumnal abundance at Auntie Beans, a diversified vegetable and beef farm. Come wrap up a bountiful CROP season with us.

Visit the High Desert Food & Farm Alliance event page at

<http://www.hdfffa.org/agriculture/farm-tours-c-r-o-p/> for more information.

Jess Weiland

High Desert Food and Farm Alliance

## High Desert Educational Agricultural Tours (EATs) Jefferson County

EATs is a farm tour series held in the summer months in Jefferson County with five themed events, each featuring tours at 3-5 farms. Participants learn about the diverse agricultural production from a dedicated group of farmers and community members. HDFFA supports farm and agriculture business leaders in Jefferson County to develop the themes, participants and tours. This year High Desert EATs presents five (5) themed farm tours in Jefferson County on five Saturdays from 9am—1pm. All are invited to smell fresh lavender, taste hydroponically grown cucumbers, or learn how barley is turned into beer!

Tickets are \$10 and available online at [hdffa.org](http://hdffa.org)

- May 13 Flowers, Herbs and Vegetables, North County
- May 27 Farm to Flask
- June 3 Flowers, Herbs and Vegetables, South County
- June 10 Spring to Sprout
- June 17 Beer and Beef

Visit the High Desert Food & Farm Alliance event page at

<http://www.hdfffa.org/events/high-desert-eats-jefferson-co-farm-tours/>

Jess Weiland

High Desert Food and Farm Alliance

## Pasture and Grazing Management Field Day

Deschutes County SWCD, NRCS, and OSU Extension Service will be holding Pasture and Grazing Tours throughout the Spring through the Fall. The tours will start at 6:00 p.m. and conclude at dusk. The pasture will be our laboratory and our focus will be all things related to pasture and grazing management. Tammy Harty and Jan Roofner, Deschutes County SWCD, Mylen Bohle, Scott Duggan, Clare Sullivan, and Toni Stephens, OSU Extension Service, and Tom Bennett, Nicole Kovach, and Karlie Wyman, NRCS, will be participating, as their schedules allow.

### Agenda and Discussion Highlights:

- + Introductions
- + Producer goals for the Pasture
- + Demonstration of Pasture Stick
- + Dig Plants & Look at Roots
- + Identify Pasture Plants (grass, legume, and forb species)
- + How do the Animals Graze
- + Soil Testing and Pasture Fertility
- + Soil Survey
- + Grazing Management and Plant Heights
- + Irrigation Management
- + SWCD & NRCS Programs
- + Pasture and Grazing Inventory Exercise
- + And Any Other Questions

### Date and Locations:

May 22 Cuyla Dudley Farm, 5680 SW Quarry Road, Redmond,  
July TBA Details will be in July/August C.O. Ag Newsletter  
Sept. TBA Details will be in the September /October C.O. Ag Newsletter

Please RSVP to Jan Roofner, Deschutes Soil and Water Conservation Service, at Ph: (541) 815-8377 or email:

[janroofener@bendbroadband.com](mailto:janroofener@bendbroadband.com).

Mylen Bohle, Jan Roofner, and Scott Duggan

## Fine Fuels Management Field Day

The Fine Fuels Management Field Day will be held on Thursday, May 25, 2017; 10 am to 4 pm MT at the Rockville School Gym in Jordan Valley, OR. This field day will be promoting healthy sagebrush steppe landscapes. There will be 30 minute presentations on: Proposed Fine Fuels Reduction Project, Beef Cattle Supplementation & Grazing Distribution on Late Season Rangeland, Targeted Grazing to Reduce Fire Behavior Metrics & Wildfire Spread, Preemptive Restoration Strategies from a Landscape Perspective, Late-Fall & Winter Grazing to Reduce Fine Fuels, Creating Resilient and Resistant Landscapes: The Vale District BLM's Perspective, Cow-Calf Operators' Perspectives. Presentations and lunch will conclude around 2 pm MT followed by field visits to discuss ecological threats to rangeland resilience and resistance. Lunch will be provided, please RSVP to Sergio at 541-881-1417 x 104 or email [Sergio.arispe@oregonstate.edu](mailto:Sergio.arispe@oregonstate.edu). For more details go to [http://extension.oregonstate.edu/malheur/sites/default/files/finefuelsmanagementfieldday\\_flier\\_0.pdf](http://extension.oregonstate.edu/malheur/sites/default/files/finefuelsmanagementfieldday_flier_0.pdf)

Sergio Arispe  
Malheur County Extension

## Central Oregon Forage Field Day Tour

The Central Oregon Hay Growers' Association, OSU Extension Service (Crook, Deschutes and Jefferson Counties), and the Central Oregon Ag Research Center are holding a Forage Field Day Tour on Thursday, May 25, 2017.

- 9:00 am COARC, 850 NW Dogwood Ln, Madras  
+Orchardgrass Clipping Height Trial  
(Simulated MiG)
- 10:00 am Jeff Whitaker Farm, 6289 SW Bear Drive, Culver  
+Ten Span LESA Pivot—Establishing Timothy Field  
+Five Span LESA Pivot—First Production Year Timothy Field
- 11:30 am Rob Wittenberg, Culver (Actual trial site is just south of Terrebonne, entrance directly across from Davidson Way (which is on the west side of Hwy 97), but travel east under the Rail Road Tunnel and down the hill and stay right.)  
+Fertilizer Effect on Selenium Uptake by Orchardgrass Trial  
+Nitrogen Rate Effect on Orchardgrass Trial  
(Using Greensseeker to predict N sufficiency)
- Noon Lunch on your own
- 2:00 pm Tim Kuenzi, AJ Dairy (the Old Coats Farm), High Dessert Aggregate, 8500 Lone Pine Rd, Lone Pine  
(Take the first left gravel road once traveling in on the paved road.)  
+Five Span LEPA Pivot—Alfalfa Production Field

For more details or information, contact Mylen Bohle at OSU Crook County Extension at 541-447-6228.

Mylen Bohle

## NAFA Kicked Off First-Ever Alfalfa Checkoff Program in 2016

The National Alfalfa & Forage Alliance (NAFA) announced the creation of the first-ever *U.S. Alfalfa Farmer Research Initiative (aka Alfalfa Checkoff Program)*, a farmer-funded investment in alfalfa-related research to help drive innovation and profitability in the alfalfa industry. "Until now, alfalfa was the only major crop without a farmer-funded checkoff program," said Beth Nelson, NAFA President. "That needed to change in order for alfalfa to remain competitive with other cropping choices." The NAFA board of directors voted unanimously to begin a national checkoff program to facilitate a farmer-funded research program to advance industry research. The *U.S. Alfalfa Farmer Research Initiative*, implemented voluntarily by seed brand, will be assessed at the rate of \$1/bag of alfalfa seed. One-hundred percent of the checkoff funds will be used to support public research into alfalfa and alfalfa forage systems. More information at NAFA web site [www.alfalfa.org](http://www.alfalfa.org) or go directly to: <http://alfalfa.org/Alfalfa%20Checkoff%20Website.pdf>. This is some great news for alfalfa research, but still falls tremendously short of the amount that wheat, corn, and soybean research is funded through USDA. USDA funds a little less than \$2 million annually for alfalfa research.

Mylen Bohle



## Alfalfa Diseases and Rotations

We are seeing more Clover Root Curculio damage on alfalfa roots in recent years. And from that, we are seeing more problems with Alfalfa Mosaic Virus, and Fusarium Wilt, among other diseases, and indirectly, are reducing yields and causing stand loss. Perhaps, we have gotten away from good crop rotation between plantings of alfalfa. With the larvae chewing on the root systems, this opens the plant up to many diseases. Following is a link to an U. of I. Extension publication on Clover Root Curculio.

<http://www.extension.uidaho.edu/forage/Fact%20Sheets/clover%20root%20curculio.pdf>

Mylen Bohle

## Community Orchard Project

Whether you have one apple tree or several, at some point you've likely harvested more apples than you know what to do with, right? You are not alone! Local apple grower CJ Johnson is assessing interest in forming a community-based orchard model with both backyard and larger growers. One goal would be to create a completely locally-sourced hard cider, and help people process their apples in a more cost effective manner. If you are interested in collaborating with apple growers throughout the Central Oregon area, please contact CJ Johnson: [cjj.cell@gmail.com](mailto:cjj.cell@gmail.com)

Claire Sullivan

## OSU Range Field Day—Tuesday, June 27, 2017

Come and join us at this year's OSU Range Field Day. The program will begin at the Northern Great Basin Experimental Range with coffee and donuts at 8:30 am and at 9:00 am with morning presentations on "Managing Wildfire, Where we are at and What's Coming", "Predicting Fire Outcomes Based on Fuels", "Livestock Grazing for Fuels Management", "Restoration of Sagebrush Rangeland and the Safe Site Concept", and "Seed Amendments to Increase Restoration Success". Lunch will be provided (please RSVP to Petrina White at 541-573-4085). Field activities - "Applying Safe Site Concepts in Field Restoration" and "Using Apparent Trend to Inform Management Decisions" will be after lunch and will conclude by 4:00 pm. OSU Range Field Day is sponsored by the OSU Department of Animal and Rangeland Sciences, OSU Eastern Oregon Ag. Research Center (Burns and Union) and the USDA Ag Research Service (Burns). For more information contact Chad Boyd at 541-573-8939 or [chad.boyd@oregonstate.edu](mailto:chad.boyd@oregonstate.edu). Click [here](#) for flyer.

Tim Deboodt

**If you would rather get this newsletter ONLY by email, please contact the Crook County Extension office at 541-447-6228. We will be glad to switch you over to EMAIL. And then you will receive the one page bi-weekly Ag e-News as well.**

## Forage Research in Central Oregon

Present Central Oregon forage research projects in cooperation with OSU Extension Service and the COARC, which are partially funded by Central Oregon Hay Growers Association include:

- + Nitrogen Rate Effect on 3-Cut Orchardgrass Hay (Developing a Greenseeker Prediction Model), Terrebonne
- + Tilled-in and Non-Tilled Lime Rate Effect on incremental Soil pH and Grass Hay Yield, Tumalo
- + Phosphorus Rate and Timing Effect on Orchardgrass Hay, Prineville

Organic Alfalfa Fertility Trial I (18 treatments) and Organic Alfalfa Fertility Trial II (12 treatments) field work was completed in 2015, at Fort Rock. These trials are being partially funded by North Lake County SWCD and Lake County Hay and Forage Association, Oregon Forage and Livestock Research and Extension Endowment along with larger grants from Oregon Dairy Farmers Association, Oregon Beef Council, and others. More funding is being sought to complete all of the quality and nutrient lab tests, of which 2015 samples (4<sup>th</sup> year and 3<sup>rd</sup> year of two trials) are being processed at the lab presently.

An Orchardgrass Clipping Height (Simulated MiG) trial at COARC, Madras site, was initiated in 2016, funded by an Ag Research Foundation grant.

A Selenium rate effect on Selenium uptake in 3-cut Orchardgrass hay trial was initiated at Terrebonne, along with related trials at Union, and Roseberg this spring. An Ag Research Foundation grant is funding this 2 year trial

Local agribusinesses, including Midstate Fertilizer, Helena Chemical, C.O. Agronomy, High Desert Organix, Wilbur Ellis Co., and Pratum Co-op are providing the fertilizer materials for these trials.

More producer members are needed to join/invest/participate in the Central Oregon Hay Growers' Association, of which 35% (\$35 of \$100) of their membership dues are specifically earmarked to help fund these local forage research trials. (They could use a couple hundred more members, easily.)

Mylen Bohle, Tracy Wilson, Scott Duggan, and Clare Sullivan

## Canning Safe Salsa Class Offered

Salsas made from vegetables and fruits add exciting flavor dimensions to your meals or snacks. Have fun learning how to make two versions of America's favorite condiment for your pantry shelf with safe canning recipes.

Glenda Hyde, OSU Extension community educator assisted by Master Food Preserver volunteers, will teach the Canning Safe Salsa public workshop at the OSU Extension office in Redmond. The session will be on Thursday, June 1<sup>st</sup>, 9:00 am to noon. During the class, participants will learn about the ingredients, preparation techniques and safety concerns. Then, the class will prepare the recipes and process the jars in the water-bath canner.

The cost of the class is \$15.00 per person. Participants take home their lab products and recipes. Register by calling the OSU Extension/Deschutes County office in Redmond, 541-548-6088 by Tuesday, May 30. The class size is limited. For list of additional workshops go to [http://extension.oregonstate.edu/deschutes/sites/default/files/mfp\\_class\\_schedule\\_2017.pdf](http://extension.oregonstate.edu/deschutes/sites/default/files/mfp_class_schedule_2017.pdf)

Glenda Hyde

## Growing Degrees Update

If you are curious, this is how crop year 2017 compares to previous years, up to May 1....The following table shows a comparison of accumulated growing degrees (from January 1 to May 1) back to 2007 for some Central Oregon locations (Argimet weather stations). Three different base temperatures are used; 32 degrees F for cereals and T-Sum, 41 degrees F for alfalfa and grass growth, and 50 degrees F for grapes, soybeans, and corn growth. Comparison of day length: Madras > Powell Butte > Bend > Christmas Valley. <http://uspest.org/OR/index.html> is the web site.

Table. Accumulated growing degree comparison for 32, 41, and 50 degrees F base temperatures (“growing dds” is calculation method) as of May 1, for years 2017 to 2007 for Christmas Valley, Bend, Powell Butte, and Madras, Oregon.

Year	Christmas Valley 4360'			Bend 3650'			Powell Butte 3199'			Madras 2440'		
	Base Temperatures in Degees F											
	<u>32</u>	<u>41</u>	<u>50</u>	<u>32</u>	<u>41</u>	<u>50</u>	<u>32</u>	<u>41</u>	<u>50</u>	<u>32</u>	<u>41</u>	<u>50</u>
2017	943	469	170	970	435	134	1,040	508	170	1,040	510	182
2016	1,281	745	363	1,407	754	357	1,441	805	375	1,561	876	412
2015	1,432	871	423	1,522	848	391	1,563	900	421	1,505	848	394
2014	1,262	711	294	1,282	679	284	1,269	714	302	1,225	659	285
2013	1,050	566	251	1,227	622	249	1,200	621	245	1,232	623	250
2012	1,112	567	229	1,146	558	213	1,248	644	262	1,262	650	269
2011	868	401	106	993	446	118	1,041	493	137	1,165	578	174
2010	1031	483	176	1098	502	159	1,222	596	206	1,261	610	200
2009	986	507	187	1019	500	190	1,061	536	211	1,075	538	208
2008	888	439	163	929	449	157	983	477	164	1,048	526	169
2007	1,118	650	310	1,218	658	291	1,223	671	304	1,274	709	314

(Growing degree calculations uses “growing dds” method) (32 degrees column is revised from previous years)

2017 T-Sum (degrees F) N Fertilization Dates in Central Oregon. (“Simple average” calculations is used to calculate for gdds, which is different from the above table.)

	Christmas Valley 4360 feet	Bend 3650 feet	Powell Butte 3199 feet	Madras 2440 feet
Grass Pasture* (360 dds)	March 23	March 20	March 15	March 16
Grass Hay+ (720 dds)	May 3	April 22	April 19	April 16

\*if earlier pastures forage production is desired... With the loss of Ammonium Nitrate fertilizer, we are left to fertilize with Urea. Coated urea is needed to apply, which will lessen the volatilization of N, if we know we can't irrigate in a timely fashion; but the time between application time and when irrigation water is available, over the last few years, has been/is greater than 30 days (the coating is only good for 30 days). Or we take a chance and depend upon rain (want a 1/2 inch) to leach the N into the soil or a small shower may increase volatilization before enough water is applied. + For grass hay with rates of 100 lb/ac N or higher, this timing seems to work better.

Mylen Bohle

## Grass Seed Pathology Plot Tour—COARC

The Grass Seed Pathology Plot Tour will be held on Wednesday, June 7, 2017 at 10:00 am, COARC, Madras. The tour will include several Kentucky bluegrass projects, including a fungicide screening trial for ergot/powdery mildew/rust, a study investigating the use of micronutrient applications to reduce ergot and the evaluation of model-based fungicide program for ergot. First-, second-, and third-year Kentucky bluegrass cultivar trial plots will also be available for viewing. Tours of the COARC Plant Pathology lab will be available after the plot tour. We will meet in the office area for coffee, donuts, and to distribute plot maps prior to the tour. Free and open to the public. Light refreshments will be served. Call 541-475-7107 for more information.

Carol Tollefson, COARC

## Calendar 2017

### May

- 16 Wasco County Crop Hop, brian.tuck@oregonstate.edu
- 17 Sherman County Crop Hop, Moro, brian.tuck@oregonstate.edu
- 18 North Willamette Valley Field Day. TBA nicole.anderson@oregonstate.edu
- 22 Pasture and grazing Management Field Day. (see article)
- 24 Hyslop Farm Field Day, Corvallis. 8:00 am daniel.curry@oregonstate.edu
- 25 Central Oregon Forage Field Day, COARC, Madras (see article)
- 25 Fine Fuels Management Field Day, Jordan Valley, OR (see article)
- TBA Oregon Forage and Grassland Council Annual Meeting. Corvallis (?), <http://www.oregonforage.org/events/>

### June

- 6 South Willamette Field Day. mike.flowers@oregonstate.edu
- 6 Grass Seed Pathology Plot Tour, COARC, Madras, Or (see article)
- 6-8 PNW/SRM Summer Workshop. Moses Lake, WA. Contact Tim Deboodt, 541-447-6228
- 8 Gilliam County Crop Tour, Condon, jordan.maley@oregonstate.edu
- 9 NE Oregon Field Day, darrin.walenta@oregonstate.edu
- 13 CBARC Field Day, Pendleton, OR christina.hagerty@oregonstate.edu
- 13 Pendleton-Ruggs Wheat Tour. mike.flowers@oregonstate.edu
- 14 CBARC Field Day. Moro. christina.hagerty@oregonstate.edu
- 15 Hermiston Wheat Field Day. ruijun.qin@oregonstate.edu
- 21 Parma, ID Cropping Systems Field Day. owalsh@uidaho.edu
- 21 Union County Conservation Tour, darrin.walenta@oregonstate.edu
- 22 Morrow County Crop Tour, larry.lutcher@oregonstate.edu
- 23 Pomeroy Wheat Tour, Hannah.kammeyer@oregonstate.edu
- 26 Youth Tractor Safety Certification, Jefferson County 541-475-3808 (see article)
- 27 OSU Range Field Day, Northern Great Basin Experiment Range. (see article)

### July

- TBA Pasture and Grazing Management Field Day. (see article)

**If you would rather  
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please contact the  
Crook County  
Extension office at  
541-447-6228.**

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