



Oregon State University Extension Service

# Central Oregon Agriculture

Volume 21 Issue 2

March/April 2012

## What's Inside...

**CALENDAR** Back Page

**CROPS**

- Spring Wheat Variety Results 3

**FORAGE**

- Irrigation Management 3
- Irrigated Pasture & Grazing Management Class 3
- PNW Certified Forage Testing Labs 3
- Clover Mite Update 5
- Oregon Forage and Grassland Council Conference 5
- Central Oregon Hay Growers Association Information and Annual Meeting & Banquet 6
- Alfalfa Nutrient Removal 7

**GENERAL AG**

- Rural Tax Education Program 2
- Deschutes County Small Grant Program 2
- Wheat Marketing Meetings 2
- Conservation Reserve Enhancement Program 3
- Central Oregon Seed Exchange 3
- Rangeland Prescribed Fire Workshop 4
- Wine Grape Association of Central Oregon 5
- One Stop Shopping in Crook County 6
- Oregon College Access Network 7

**LIVESTOCK**

- 11th Annual Goat Jamboree 3

## Enterprise Feasibility Workshop...learn strategies for better managing risks in your operation

Date: Tuesday, March 13, 2012  
 Time: 4:00 p.m. - 9:00 p.m.  
 Location: Deschutes County Extension Office, Redmond, Oregon  
 Fee: \$20 (includes dinner)

What: Learn to estimate enterprise net returns, cost of production, breakeven prices and risk exposure, machinery costs and more, using RightRisk enterprise analysis tools. Learn to analyze your own records and see how your operation compares to others.

Instructors: John Hewlett, Ranch/Farm Management Specialist, University of Wyoming and Jay Parsons, Agricultural Economist, Colorado State University (Workshop sponsored by USDA Risk Management Agency and Oregon State University Extension service).

To register, call Reaza Mansur, (541) 548-6088 by 5:00 p.m., March 9, or for more information contact Dana Martin at [dana.martin@oregonstate.edu](mailto:dana.martin@oregonstate.edu).

*Dana Martin*

## Targeted Grazing Workshop

Date: Saturday, March 17, 2012  
 Time: 9:00 a.m. - 4:30 p.m.  
 Location: COCC Jefferson County Open Campus, 1170 E Ashwood Road, Madras, OR  
 Fee: \$60.00

This workshop will be an introduction to integrated pest management (IPM) techniques for invasive plants and brush control with an emphasis on targeted grazing.

Topics covered include: plant response to grazing, the appropriate use of livestock to attain vegetation management goals, protection of desirable and sensitive plant species, and protection of livestock from toxic plants.

Instructors will be Claudia Ingham, PhD, instructor of Animal Sciences Rangeland Ecology and Management at OSU, and Craig Madsen who is a rancher using goats for vegetation management, following 14 years experience as a NRCS range management specialist.

You can register online at [oregonopencampus.org/jefferson](http://oregonopencampus.org/jefferson) or by calling (541) 550-4130.

*Fara Brummer*

## Spraying Weeds this Year? Make it Count - Calibration Workshop

Date: Friday, March 30, 2012  
 Time: 8:00 a.m. - 2:00 p.m.  
 Location: 4-H Clover Club Building, 502 SE Lynn Blvd., Prineville, OR  
 Fee: \$FREE (lunch provided)

Applicators get 4 core recertification credits!

Please RSVP to Brooke Gray at [brooke.gray@oregonstate.edu](mailto:brooke.gray@oregonstate.edu) or by calling (541) 447-9971.

*Brooke Gray/Crooked River Weed Management Area*

**"Central Oregon Agriculture"** is a bi-monthly newsletter produced by the Central Oregon Extension offices and the Central Oregon Agricultural Research Center. 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 to your local County office.

◆ Mylen Bohle - Editor, 447-6228

◆ Pamela Wiederholt - Ag. Newsletter Coordinator, 447-6228

**Extension offices listed below (all area codes are 541)**

#### **Central Oregon County Extension Offices**

◆ Dana Martin - Regional Administrator, 548-6088

**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 550-4130, 1170 E Ashwood Road, 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**

◆ Marvin Butler - Director, 475-7107

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

Powell Butte Site - Phone 447-5138, 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/coarcl/index.php>

#### **Central Oregon Agricultural Extension Service Staff**

Mylon Bohle - Forage, Hay, Pasture, Cereals, 447-6228

Fara Brummer - Ag and Natural Resource, 553-1520

Marvin Butler - Vegetable Seed, Grass Seed and Peppermint Production, 475-7107

Tim Deboodt - Range Resources and Livestock, 447-6228

Amy Detweiler - Horticulture, 548-6088

Steve Fitzgerald - Forestry, 548-6088

Gustavo Sbatella - Crop and Rangeland Weed Control, 475-7107

Bo Ming Wu - Plant Pathology, 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, 4H/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, nor does it imply approval of the product to the exclusion of others.

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OSU Extension programs will provide reasonable accommodations to persons with physical or mental disabilities. Contact your local Extension office to request reasonable accommodations.

## **USDA RMA Funds Rural Tax Education Program**

USDA's Risk Management Agency (RMA) announces the availability of a newly created website titled: *Rural Tax Education* ([ruraltax.org](http://ruraltax.org)) providing farmers and ranchers a resource for agricultural related income and self-employment tax information that is both up-to-date and easy to understand.

"Farmers and ranchers wanting up-to-date tax information will want to put the Rural Tax Education website in their list of browser favorites," said Dave Paul, RMA Director.

The RMA funded project was a collaborative effort of 15 land grant universities across the nation and hosted by Utah State University. The home page offers a hot topic and announced upcoming informational webinars (Income Tax Management for Producers in 2011). There is no charge for the webinars and written material will also be available before the online training.

The website recently added "*Tax Guide for Owners and Operators of Small and Medium Size Farms*" and offers several fact sheets and samples, including Tax Topics; Depreciation and Expensing; Farm, Farming and Who's a Farmer for Tax Purposes; Sample Tax Return; and Small Farm Tax Guide.

RMA's mission is to promote, support, and regulate sound risk management solutions to preserve and strengthen the economic stability of America's agricultural producers. Federal crop insurance provides support to American producers as part of the "farm safety net." A strong farm safety net is important to the vitality of American agriculture. Complete listings of the agreements can be found on the RMA Web site at: <http://www.rma.usda.gov/aboutrma/agreements/>.

*Jo Lynne Seuffer, Risk Management Specialist, USDA/RMA*  
(509) 228-6320 Office or 1-800-205-9953 Toll Free  
[jo.lynne.seuffer@rma.usda.gov](mailto:jo.lynne.seuffer@rma.usda.gov) or [www.rma.usda.gov](http://www.rma.usda.gov)

## **Deschutes County SWCD 2012 Small Grant Program**

Funding for The Small Grant Program is generated through Oregon lottery dollars and is a voluntary program that works with your framework and objectives to enhance and preserve natural resources on your property. Some of the goals for maximizing resource potential include: soil stabilization (reducing erosion in uplands and riparian), weed control, in-stream and riparian enhancements, irrigation efficiency, improve wildlife habitat, increase water quality and improve water quality. This grant program is only applicable to those living in Deschutes County. Funding is limited, please contact Spring Olson/Conservation Technician at [springalaska@hotmail.com](mailto:springalaska@hotmail.com) or by calling (541) 647-9604.

*Spring Alaska Olson*

## **Wheat Marketing Meetings**

The Oregon Wheat League will Not be holding any more Wheat Marketing Meetings until Fall. I would suspect that they would /could resume in October – the third Thursday of each month.

*Mylon Bohle*

## 11<sup>th</sup> Annual Goat Jamboree

The Central Oregon Goat Association will hold their 11<sup>th</sup> Annual Goat Jamboree on Saturday, April 21, 2012, from 8:00 am-3:30 pm at the Redmond Humane Society Event Center (1355 NE Hemlock Ave.) in Redmond, Oregon. There will be great classes to attend, items to purchase, concessions, and a raffle. Pre-registration is \$7.00/per person or \$20.00/family. Day of Jamboree cost is \$9.00/per person or \$27.00/family. For more information on how to register: Call Charleen at (541) 548-2226 or email [COGA2010@aol.com](mailto:COGA2010@aol.com).

*Mylene Bohle*

## Irrigation Management and Principles Class

### Irrigated Pasture and Grazing Management Class

These two classes will kick off the 2012 growing season in the area of irrigated forage. If there is interest, we will hold some irrigated pasture management sessions on-farm, throughout the spring and summer. Perhaps once a month we would meet in the late afternoon or early evening and walk through an irrigated pasture and talk about what is happening with the plants and the animals and the irrigation management. This will be based on input from class attendees.

There will be an Irrigation Management and Principles Class held from 6:30 pm to 8:30 pm on Monday, March 19, at the Deschutes County Extension Service Office located on the Deschutes County Fairgrounds. The class will be a Power-Point presentation focusing mostly on sprinkler irrigation principles including use of hand line, wheel line, K-Line, and some pivot information. Some discussion will be on flood irrigation. Attendees will learn about the Agrimet weather station crop water use program. Participants will learn about proper irrigation management. For all levels of clientele knowledge. There will be a class fee of \$10 and you must RSVP by noon on March 19.

There will be a Pasture and Grazing Management Class held from 6:00 pm to 9:00 pm on Tuesday, March 27, at the Deschutes County Extension Service Office located on the Deschutes County Fairgrounds. The class will be a power point presentation concerning all aspects of pasture production and grazing animals properly on an irrigated pasture to optimize production. For all levels of clientele knowledge. There will be a class fee of \$10 and you must RSVP by March 26.

OSU Extension Service and the Deschutes County Soil and Water Conservation District are sponsoring the classes and on-farm class sessions. Please RSVP for classes to OSU Crook County Extension Service at (541) 447-6228.

*Mylene Bohle and Spring Alaska Olson*

## Conservation Reserve Enhancement Program (CREP)

Do you have a stream in need of restoration? Then CREP could be your answer. CREP provides a cost-effective way for landowners to restore and enhance riparian vegetation along stream sides.

The CREP is an arm of the Conservation Reserve Program (CRP) and contracts with landowners for a period of 10-15 years for the purpose of restoring streams and riparian areas to natural conditions. By doing so, water quality, soil erosion, stream bank stability, and fish and wildlife habitat can all be enhanced. The Farm Service Agency offers cost-share for implementing conservation practices such as fencing, weed control, and planting along streams. They also offer incentive payments and rental payments for the term of the contract to make your restoration project economically feasible. If you're interested in applying for the CREP, please contact Karin Wessman/Tri-County CREP Planner at [Karin.wessman@or.nacdnet.net](mailto:Karin.wessman@or.nacdnet.net) or by calling (541) 923-4358, ext. 139.

*Karin Wessman/Tri-County CREP Planner*

## Central Oregon Seed Exchange (COSE)

COSE began in the winter of 2012 with the hope of strengthening the local farming and gardening community in Deschutes County. COSE collaborated with Deschutes Native Seed Resources to build this site where local food growers could freely exchange seeds. The non-profit, educational organization dedicated to seed saving, seed saving education and permaculture. COSE exists as a network to actively engage in protecting biodiversity and creating local food security.

For more information go to [www.seedexchange.weebly.com](http://www.seedexchange.weebly.com) or by calling Spring Alaska Olson/Deschutes County SWCD Conservation Technician at (541) 647-9604.

*Spring Alaska Olson*

## 2011 Spring Wheat Variety Results

The Oregon Elite Wheat Trial yield, test weight, plant height, percent lodging, and protein percentage data for the spring wheat varieties tested at the COARC, Madras site in 2011 are located at <http://cropandsoil.oregonstate.edu/wheat/>. The data also includes the last 3 year averages and other trial sites around Oregon.

*Rhonda Simmons and Mylene Bohle, et. al.*

## PNW Certified Forage Testing Labs

The certified forage testing labs can be found at National Forage Testing Association (NFTA). The labs are certified annually and have to test 8 samples for dry matter, crude protein, ADF, and NDF and receive a "C" or higher grade, averaged across all 8 samples for certification. The 8 samples represent 5 alfalfa samples (one of which contains at least 20% grass), 1 grass sample, and 2 corn silage samples. There is a cost to certify which is \$500 for either NIRS or chemistry or \$600 for both. Applications have to be in by February 1, and payment made by February 15 to participate. The samples are sent out in sets of two in different months. If you are interested in other labs or other information from, or about the NFTA, check out their web site: <http://foragetesting.org/>. Also check out their list of Hay Probes, and "Proper Sampling Methods Improve Accuracy of Lab Testing" information.

*Mylene Bohle*



# Rangeland Prescribed Fire Workshop

## “Managing Rangeland Resources with Fire”

**Protection  
from Fire  
Program**

The Oregon Department of Forestry, Oregon State University, Natural Resource Conservation Service, Post Paulina Rangeland Fire Protection Association, Crooked River Watershed Council, Crook County Soil Water Conservation District, Prineville District BLM, and US Forest Service are presenting a Rangeland Prescribed Fire Workshop for Landowners.

The objective of the workshop is to provide an educational opportunity for private landowners to manage Rangeland resources with fire in Eastern Oregon.

**Location: OSU Open Campus in Prineville**

**Dates:**

- Managing Rangelands with Fire, 10:00 AM, **April 18, 2012**
- Legal Obligations & Liabilities when using Fire, 10:00 AM, **April 25, 2012**
- Fire Weather & Estimating Fire Behavior, 10:00 AM, **May 2, 2012**
- Managing Prescribed Burning Operations, 10:00 AM, **May 9, 2012**
- Prescribed Fire Techniques (live fire exercise), **TBA** *(based on weather conditions)*
- Technical & Financial Assistance, 10:00 AM, **TBA** *(one week following Session V)*

**\* Lunch will be provided at each Session \***

## Registration

Name: \_\_\_\_\_ *I plan to attend all Sessions*

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

**Please Return by March 28, 2012 to:**

Pete Jameson  
16009 SE Paulina Hwy  
Prineville, Oregon 97754  
psjbranch@wildblue.net



Oregon State UNIVERSITY



Extension Service



**Clover Mite Update**

In 2009, we conducted a 6 treatment insecticide trial on clover mites in an Orchardgrass mix grass pasture/hay field in the Lower Bridge area. The trial was successful, in that we were able to identify one treatment that had excellent control of the clover mites (and two treatments worked on the Winter Grain mites). We thought we had a product that could be available for use that spring with a Section 18 label. When we contacted the company about writing a Section 18 proposal, they had reasons that they would not support us doing that. They need more efficacy and residue data. The company is still working on a label which is the good news, but do not know when it will become available though.

We also found one insecticide that does not kill the clover mites, but it seemed to stop them from damaging the plants. That insecticide is not labeled for grass pastures or hay fields though. That makes two treatments, that we have found that worked (killed the clover mites), but we could not get either one labeled, since we began working on this problem in 2000. We are still hoping.

The following table alerts you to what you might be seeing in your fields this spring, and give you some idea of population dynamics that will be occurring in your fields if you have either Clover mites and / or Winter Grain mites.

There are a couple of labeled insecticides to control Winter Grain Mites in grass pastures and hay fields.

The only tool we have for slowing down the Clover Mite is fire in the late winter / early spring.

In 2009, the Winter Grain Mite population crashed at the end of April, while the Clover Mite population was still fairly high by the end of April (but population was decreasing) and then it crashed the end of May / first of June.

Table. Mean number of clover mites and winter grain mites in a 2.5 inch diameter core for grass to a depth of 2 inches on weekly sampling dates at Lower Bridge and Jefferson County, Oregon in 2009.

	<u>4/2</u>	<u>4/10</u>	<u>4/17</u>	<u>4/24</u>	<u>5/01</u>	<u>5/08</u>	<u>5/15</u>	<u>5/22*</u>	<u>5/29</u>	<u>6/5</u>
<u>Clover Mite</u>	247	118	84	175	99	47	81	--	21	0
<u>Winter Grain Mite</u>	11	12	9	11	0.3	0.1	0.6	--	0	0

-- = Did Not Sample. \* = There were electricity problems at the lab that week in Corvallis.

*Mylon Bohle and Glenn Fisher*

**Oregon Forage and Grassland Council Conference**

The Oregon Forage and Grassland Council (OFGC) will be holding their 3<sup>rd</sup> Annual Meeting and Conference on April 10, at the Linn County Fairgrounds, 3700 Knox Butte Road Albany, Oregon. Oregon has formed an affiliate council of the American Forage and Grassland Council.

At press time the agenda was still being worked on.

For more information, contact: Chad Hale, Phone: (541) 401-0730. Fax: (541) 451-7333, email: [chad.wfr@comcast.net](mailto:chad.wfr@comcast.net) or keep checking the website [http://oregonforage.org/Home\\_Page.html](http://oregonforage.org/Home_Page.html) . Membership dues are \$35 for producers and \$350 for associate/corporate membership. We really would appreciate a RSVP by Friday, April 6, if attending, to help us plan for lunch.

*Mylon Bohle*

**Wine Grape Association of Central Oregon (WACO)**

Whether you are interested in wine or table grapes, whether you have 5 or 5,000 grapes, or are interested in growing grapes, *EVERYONE* is welcome. Contact Kerry Damon, President, at (541) 771-7817 to talk about membership or locations of the meetings and educational events.

*Mylon Bohle*

## One Stop Shopping in Crook County! (well...almost)

The OSU Crook County Extension office in Prineville now houses all of the staff of the Crooked River Watershed Council (CRWC), the Crook County Soil and Water Conservation District (SWCD) and the Crooked River Weed Management Area (CRWMA). Phone numbers will stay the same except the Weed Management Area, they will have their own number now.

CRWC - (541) 447-8567

SWCD - (541) 447-3548.

CRWMA - (541) 447-9971

OSU/Crook County Extension Service - (541) 447-6228

Stop by, have a cup of coffee and take a look.



*Mylon Bohle*

## Central Oregon Hay Growers' Association

The Central Oregon Hay Growers Association (COHGA) is in the midst of their annual membership drive (\$75 annual dues). Now more than ever, an increase in membership is needed. 2007 Census of Ag data indicates, there are over 1200 farms in central Oregon that raise hay or have irrigated pasture.

The COHGA board has 4 main objectives / areas they are working on:

- 1) \$500 scholarship for a graduating senior in the tri-county area (or child of COHGA member) wanting to major in an Ag related field or trade school (Four were given out last year).
- 2) \$2,000 has been budgeted annually for local forage research—\$35 of each member's annual dues will go toward research (sixty (60) members are needed for that level of funding to be sustainable). While it helps, \$2,000 does not buy much for forage research any more.
- 3) Aid in marketing your hay through COHGA web site [www.hayfinder.org](http://www.hayfinder.org), check it out. The web site is advertised in the Capital Press every week (more than 60 members are needed for this program to be sustainable). And yet what a bargain to help you to market your hay!
- 4) Education - Central Oregon Forage Seminar held the last Saturday in January in Prineville.

The present board consists of 4 producer members and 2 associate members. Several other producers have volunteered their time to be on the scholarship committee. There is still room for two producer board members from Jefferson County - there has been no producer participation for Jefferson County for a few years.

*Greg Mohnen/President of COHGA and Mylon Bohle*

## Central Oregon Hay Growers Association Annual Meeting and Banquet

The COHGA annual meeting and banquet will be held on Friday, March 16, 2012, at the Meadow Lakes Golf Course & Restaurant, 300 SW Meadow Lakes Drive, Prineville, Oregon. Tri-Tip dinner will be served for \$25.00 per person. You must RSVP by Friday, March 9th., (541- 447-6228, Meadow Lakes needs dinner numbers seven days in advance).

Agenda:

- |           |  |
|-----------|--|
| 6:00 pm   | No Host Social Hour  |
| 6:30 p.m. | Tri-Tip Dinner   |
| 7:10 p.m. | Business Meeting (including board election - one for Crook, one for Deschutes, and 2 for Jefferson).   |
| 7:50 p.m. | Update on 2012 Legislative Session with State Representative Mike McLane of District 55 - Crook, Lake and portions of Deschutes, Jackson and Klamath Counties. |

Again, please RSVP for the annual meeting by March 9th and for a membership application contact the OSU Crook County Extension Service at (541) 447-6228.

*Greg Mohnen/President of COHGA and Mylon Bohle*



## Registration Now Open!

On March 15, 2012, at locations across Oregon, [Oregon College Access Network \(OrCAN\)](#) members and friends will gather to discuss the future of college access and success in our fair state at [College Access 2012: Uniting Toward Oregon's Future](#).

Join us at our [Prineville satellite site](#), hosted by the Oregon State University Extension Service. Ben Cannon, the Education Policy Advisor to Governor John Kitzhaber, will lead us through the [40/40/20 plan](#). We'll break into small groups to explore our part in making [40/40/20](#) happen. Our lunch session is all about motivation, while our afternoon breakouts include parent involvement, building and sustaining partnerships, preparation and persistence, and working with undocumented students (Please note that satellite site attendees will have access to one afternoon breakout session, to be determined later).

OrCAN members attend College Access 2012 free of charge. To become a member today, please visit our membership page, or join when you register for [College Access 2012](#). Non-members may attend as well, at a price of \$10.

**Don't Delay!** [Sign up for College Access 2012 today.](#)

*Jeff Papke/Crook County Open Campus Coordinator, (541) 447-9233*

## Alfalfa Nutrient Removal

Have you ever wondered: if you had to pay for the complete replacement of the minerals your alfalfa hay took off your farm, what would be the cost of replacement? Two alfalfa varieties, Vernal and 54Q25, were selected to represent a low yielding and high yielding variety to compare quality and nutrient content in a 3-cut and 4-cut management regime at Powell Butte and Madras. The table below is an average nutrient per ton of DM hay of the varieties combined.

The following table represents the average pounds of nutrients per ton of dry matter hay, which would have been exported off your fields, and in this case over a 4 year production cycle. Some of the differences are due to soil fertility at each site, and the growth stage the crop was harvested.

Grateful Acknowledgement is given to the Crook County Government for partially funding this project.

Table. Average nutrient uptake (lb/ton DM hay for the average of Vernal and 54Q25 Alfalfa varieties, at COARC Powell Butte (3-cut) and Madras (4-cut) Oregon alfalfa variety trials conducted from 2004-2007.

Nutrient	3-Cut Alfalfa Powell Butte 4-Year Avg. Uptake (lb/ton DM Hay)	4-Cut Alfalfa Madras 4-Year Avg. Uptake (lb/ton DM Hay)
P2O5	11.8	12.6
K2O	59.5	78.0
Ca	21.9	26.1
Mg	4.8	5.7
S	3.9	4.0
Mn	0.033	0.066
Cu	0.113	0.015
B	0.080	0.093
Zn	0.029	0.025
Fe	0.105	0.136
Mo	0.002	0.002
Cl <sup>1</sup>	0.25	0.25

<sup>1</sup> = book value (was not tested)

Nutrient analysis conducted at OSU Analytical Lab in Corvallis

*Mylene Bohle*

## Calendar

### March

- 13 Growing Vegetables, Introductory Level, Prineville, Oregon. Call Deschutes County Extension at (541) 548-6088 for more information.
- 13 Enterprise Feasibility Workshop (see article front page).
- 13 Oregon Hay and Forage Association Annual Meeting, Medford, Oregon (trying to state a new affiliate there). Contact Shelby Filley at (541) 672-4461 for more information.
- 15 NO Wheat Marketing Meeting.
- 15 College Access 2012: Uniting Toward Oregon's Future (see article page 7).
- 15 Central Oregon Hay Growers Annual Meeting and Banquet (see article page 6).
- 17 Targeted Grazing Workshop (see article front page).
- 19 Irrigation Management and Principles Class (see article page 3).
- 27 Irrigated Pasture and Grazing Management Class (see article page 3).
- 28 Growing Vegetables, Advanced Level, Prineville, Oregon. Call Deschutes County Extension at (541) 548-6088 for more information.
- 30 Calibration Workshop (see article front page).

### April

- 10 Oregon Forage and Grassland Council (see article page 5).
- 18 Managing Rangelands with Fire (see article page 4).
- 19 NO Wheat Marketing Meeting
- 21 11th Annual Goat Jamboree (see article page 4).
- 25 Legal Obligations & Liabilities when using Fire (see article page 4).

### May

- 2 Fire Weather & Estimating Fire Behavior (see article page 4).
- 9 Managing Prescribed Burning Operations (see article page 4).

**Oregon State University  
Deschutes County Extension Service  
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Redmond OR 97756**

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**We need your updated email  
address. Please, if you haven't  
called Pam yet, call her now at the  
Crook County Extension office.  
541-447-6228**