



Oregon State University Extension Service

# Central Oregon Agriculture

Volume 20 Issue 2

March/April 2011

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

April 16, 2011

The Central Oregon Goat Association will hold their 10<sup>th</sup> Annual Goat Jamboree on Saturday, April 16, 2011, from 8:00 am-3:15 pm at the Wind Ridge Farms-Bend, Oregon. There will be great classes to attend, items to purchase, concessions, and a raffle. Cost is \$5.00/person or \$15.00/family. Registrations need to be postmarked by April 11 (after April 11: \$7.00/person or \$20.00/family). To register please call Charleen at (541) 548-2226 or email [COGA2010@aol.com](mailto:COGA2010@aol.com).

*Kim Griffin*

### Pesticide Applicator Laws & Safety

April 23, 2011

A review of federal and state pesticide laws, regulations and safe use to prepare for the Oregon commercial pesticide certification exam in Laws and Safety. Available for 8 hours of recertification credit for Oregon applicators or consultants and 8 hours technical continuing education for landscape contractors through the Oregon LCB. Required book: Oregon Pesticide Safety Ed Manual (EM 8850). Registration/refund deadline 4/13. Advance study materials will be mailed. Exam offered at COCC's Testing Center by appointment.

Instructor: Laurie Gordon

Time: 8:00 AM -5:00 PM

Place: S 26186 — Bend BEC 151

Cost: \$99.00

To Register: (541) 383-7270 or <http://noncredit.cocc.edu>. Pre-registration is required.

*Nancy Jumper*

### Native Plant Seed Production Field Day

May 12, 2011

OSU/Malheur Experiment Station

595 Onion Avenue, Ontario, Oregon 97914

Registration: 8:30 AM

Program: 9:00 AM

Welcome by Clint Shock and Nancy Shaw

Drip irrigation systems – Jim Klauzer

Native plant irrigation for seed production – Erik Feibert and Clint Shock

Diseases of native plants – Ram Sampangi

Pollination and pollinators – Karen Strickler

Establishing plant stands – Clint Shock and Erik Feibert

Lunch will be provided at noon. Presentation: "A seed collectors' odyssey, sunburn, and weight loss during summer vacation" – Berta Youtie

To RSVP for lunch or if you need more information contact: Jan Jones, Malheur Experiment Station, (541) 889-2174 or [janet.jones@oregonstate.edu](mailto:janet.jones@oregonstate.edu)

*Jan Jones*

**"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. Pam Wiederholt - Ag Newsletter Coordinator, Crook County, (541) 447-6228

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

**Central Oregon County Extension Offices:**

**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 475-3808, 34 SE D St., 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:**

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/coarclindex.php>

**Central Oregon Agricultural Extension Service Staff:**

Rich Affeldt—Mint, Seed Crops and Weed Control, 475-7107

Mysten Bohle - Forage, Hay, Pasture and Cereals, 447-6228

Fara Brummer - Ag. and Natural Resource, 553-1520

Marvin Butler- Mint and Seed Crops, 475-7107

Tim Deboodt - Range Resources and Livestock, 447-6228

Amy Detweiler - Horticulture, 548-6088

Steve Fitzgerald - Forestry, 548-6088

Fahrettin Goktepe - Potatoes, 475-7107

Dana Martin - Small Acreage, 548-6088

Barbi Riggs - Livestock and Water Quality, 447-6228

Bo Ming Wu - Plant Pathology, 475-7107

The above individuals represent 7.75 full time equivalents 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.

Extension work is a cooperative program of Oregon State University, the U.S. Department of Agriculture, and Oregon counties. Oregon State University Extension Service offers educational programs, activities, and materials without discrimination based on age, color, disability, gender identity or expression, marital status, national origin, race, religion, sex, sexual identity or expression, marital status, national origin, race, religion, sex, sexual orientation, or veteran's status. Oregon State University Extension Service is an Equal Opportunity Employer.

OSU Extension programs will provide reasonable accommodation to persons with physical or mental disabilities. Contact Pam Wiederholt at (541) 447-6228 to request reasonable accommodation.

## Irrigation & Agriculture Energy Efficiency Town Hall Meeting

**Tuesday, March 22nd, 2:00 PM—4:00 PM**

**16900 Aspen Lakes Drive, Sisters, Oregon**

Please join the Deschutes Soil & Water Conservation District, the Wy'East RC&D, and Oregon State University for this Energy Efficiency Town Hall meeting. Guest speakers include Mylen Bohle, OSU Extension Agent and Robert Wallace, Wy'East's Energy Efficiency Analyst. Learn how you can save on energy costs through more efficient irrigation methods—and tap into grants and cost-share programs currently available.

For more details or to RSVP call (541) 647-9604.

*Spring Alaska Olson/DSWCD*

## Residential Irrigation Basics

**April 6-27, 2011**

Learn to design, construct, repair and troubleshoot residential irrigation systems. This class covers basic hydraulic theory, how to obtain site information, determine irrigation requirements and water supply, select sprinklers and spacing ranges, and calculate pressure requirements. Approved for 8 hours of continuing education for landscape contractors through the Oregon LCB.

Instructor: John Low

Time: 6:30PM—8:30 PM

Place: W 26151—Bend BEC 151 Cost: \$69.00

To Register: (541) 383-7270 or <http://noncredit.cocc.edu>

Pre-registration is required.

*Nancy Jumper*

## Deschutes County SWCD 2011 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 areas, weed control, in-stream and riparian enhancements, irrigation efficiency, improve wildlife habitat, increase water quality and improve water quality. Funding is limited, so if you're interested, please contact Spring Olson/ Conservation Technician at (541) 647-9604 or email:

[springalaska@hotmail.com](mailto:springalaska@hotmail.com).

*Spring Alaska Olson/DSWCD*

## Join the Wine Grape Association of Central Oregon

If you are interested in wine or table grapes, everyone is welcome to join. Whether you have 5 grapes or 5,000 grapes, or maybe just interested in growing grapes, contact Cindy Grossman, Secretary, at (541) 350-5384, or Kerry Damon, Vice President, at (541) 771-7817 for information.

*Mylen Bohle*

## Crook County Stock Growers Association Annual Banquet-Everyone is Invited!

**Saturday, March, 2:00 PM-Midnight**

**Carey Foster Hall/Fairgrounds, Prineville, OR**

Dinner: \$10.00 per person, \$20.00 per family Dance:  
\$5.00 per person (kids 12 and under eat and dance for  
FREE!)

(Sign up for one year membership to  
CCSGA and dinner and dancing is free)

2:00 pm—3:30 pm	Business Meeting
3:30 pm—5:30 pm	Speaker Panel and Silent Auction
5:30 pm—7:30 pm	Steak Dinner and Live Auction
8:00 pm—Midnight	Dance and Full Bar

Guest speakers include: Dr. Peter Ballerstedt, Diet and Nutrition, Rod Childers, Wolf Issues, Bill Hoyt, Stewards of the Land and Water Quality, John Herkner, Springtime Vaccinations, Mark Malott, Oregon Beef Council, and Larry Crawford, cowboy poet.

For more information call Trent Smith at (541) 477-3377 or Allen Teskey at (541) 477-3848.

*Trent Smith*

## Artificial Insemination School

**March 23-25, 8:00 AM-5:00 PM**

**Roseburg, OR**

Location: Roseburg (OSU Extension office & area ranch)  
Cost: \$200  
Instructors: Genex Corp. personnel, Shelby Filley of OSU Extension Service, and Veril Nelson of DCLA Purebred Breeders Committee  
Other: You must sign up for or be a current member of the Douglas County Livestock Association (insurance requirement).

*Co-sponsored by the Douglas County Livestock Association and OSU Extension Service, this 3-day school is designed to enable the producer to effectively artificially inseminate cows. We cover anatomy, physiology, and nutrition as it pertains to efficient reproduction in cattle. Equipment and supplies and technique for AI, including practice on cows, are covered. Successful participants will be awarded an AI Certificate. Students (High School junior, seniors, or recent graduates) are encouraged to contact their local Livestock Associations for scholarships to attend. Douglas County Livestock and Jackson County Stockmen's Associations have offered these in the past.*

To sign up for the AI School, send a check payable to the DCLA for \$200.00 along with your name, address, telephone number, and email address. If you are not a DCLA member, you will need to join that group (for insurance purposes) by including \$30 for the membership fee.

### Douglas County Livestock Association Youth Partial Scholarship for Attending Artificial Insemination School

To apply, youth need a letter of support from their FFA, 4-H, or similar advisor stating whether or not they are of the maturity level for success in the class and have the potential to use AI to help the livestock industry. Letters are due by March 8, 2011. Please have letter sent to the DCLA, PO Box 1165, Roseburg, OR 97470 Attention: Pure Bred Committee, or deliver to the March 8 Livestock Association Board Meeting by 7 pm.

For more information please call (541) 672-4461 or email [shelby.filley@oregonstate.edu](mailto:shelby.filley@oregonstate.edu)

*Shelby J. Filley, Regional Livestock & Forage Specialist*

## PNW Certified Forage Testing Labs

The certified forage testing labs list can be found at the 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.

*Mylon Bohle*

## Wheat Marketing Meetings

**March 17, April 21 & May 19, Madras, OR**

The Oregon Wheat League will be holding their Wheat Marketing Meeting on The third Thursday of each month, via polycom at the COARC, Madras site. The broadcast begins at 8:00 am and runs until 9:00 am. Please call the day before, to (541) 475-7107, to make sure the meeting will be held. Occasionally, the meetings get postponed. The monthly meetings are scheduled for March 17, April 21<sup>st</sup>, and May 19<sup>th</sup>, and then no meetings are scheduled until the 3<sup>rd</sup> Thursday in September or October.

*Mylon Bohle*

## Living on a Few Acres (LOAFA) - It's a Wrap!

If numbers tell the story, the 2011 Living on a Few Acres Conference was bigger and better than ever. A record number of 230 participants enjoyed educational classes, a trade show and lunch at the March 5 event held at the Deschutes County Fairgrounds.



New generation farmers: Chris and Krista Gerdes of Terrebonne, Oregon

More than 30 classes were offered covering a wide variety of topics in areas of livestock health and production, laws and regulations, small farm business and production, forestry and woodlands, field management, farm equipment, wildlife and food preservation.

People traveled from as far away as Newberg, Milwaukee, The Dalles, Kimberly, and Goldendale, Washington, to join folks from Crook, Deschutes, Jefferson counties. Thanks to key sponsorships from Round Butte Seed Growers and the Deschutes County Farm Bureau, LOAFA participants enjoyed a complimentary lunch while listening to Keynote Speaker, Peter Ballerstedt, PhD. Peter introduced evidence that the fat-is-bad hypothesis was wrong, and that the growing awareness of this can impact small farms in Oregon. As a former OSU Extension forage specialist, Peter has a special interest in local, sustainable food production systems.



Tony Sarao of Superior Tractor & Equipment teaches a tractor driving and safety class

We learned important information from the 90 evaluations that were returned:

Overall rating of the LOAFA conference: 4.63 (1-5 scale)

Did the conference increase or enhance your knowledge of production strategies, animal care and/or land stewardship practices? 4.59 (1-5 scale)

87 percent of respondents indicated that they intend to implement 3 or more ideas as a result of attending LOAFA classes.

Other interesting facts:

This was the first LOAFA conference for 72% of those who responded to this survey.

Size of acreage: 60 percent of the participants live on 10 acres or less; 18 percent live on 51 acres or more.

Sixty-one percent have lived on their property fewer than 5 years.

Age: 11% are 30 years or younger; 52% are between 31-55; 37% are 55 or older.



Dr. Peter Ballerstedt, Keynote Speaker for LOAFA, talks to participants about his thoughts on "Turning the Food Pyramid Upside Down"

Myleen Bohle, Area Extension Agronomist, teaches about Pasture and Grazing Management



Thanks to our many presenters who taught classes and shared their expertise, including OSU Extension educators, business and agency professionals and experienced farmers. The LOAFA conference was presented by members of SmART (Small Acreage Resource Team) which include OSU Extension Service, Oregon Department of Agriculture, Deschutes County Soil and Water Conservation District, Wy'East Resource Conservation & Development, Deschutes County and Dancing Cow Farm.

Now that the 2011 LOAFA conference is over, we are starting to plan for the 2012 event. If you have ideas for classes that you would like to be offered, please let us know by contacting [dana.martin@oregonstate.edu](mailto:dana.martin@oregonstate.edu).

*Dana Martin*



## Ag Composting Resources and Education Series (ACRES)

**March 14 and 21, North Willamette Research and Extension Center, 15210 NE Miley Road  
Aurora, OR**

OSU Extension, Clackamas SWCD and Western SARE have partnered to offer this course which combines classroom and hand-on education to teach the biology of compost, composting methods, facility design and location, environmental and regulatory concerns, equipment for agricultural composting, developing compost recipes, using compost, and more.

To learn more and register go to: <http://smallfarms.oregonstate.edu/ag-compost-workshop> or (503) 678-1264, ext. 141.

*Mike Kapsimalis/OSU Small Farms Program*

## Oregon Forage and Grassland Council Conference (OFGC)

**March 24, Linn County Fairgrounds, 3700 Knox Butte Road, Albany, OR**

Join OFGC for their 2<sup>nd</sup> annual meeting and conference. Oregon has formed an affiliate council of the American Forage and Grassland Council.

Thursday, March 24th

8:30-9:00 – Refreshments

9:00-9:10 – Welcome – Sonny Ramaswamy, Dean of the College of Agricultural Sciences, OSU

9:10-10:30 – Maximizing the Value of Forage, an International Perspective – Neil Lane

10:30-10:45 – BREAK

10:45-11:10 – Introduce Case Study – Look at an Example Farm and Identify Problem Areas

### CONCURRENT SESSIONS

11:10-12:00 – Room A: Intensive Grazing Dairy Management – Neil Lane

11:10-12:00 – Room B: The Growth Cycle of Grass – Critical Management Times – Chad Hale

12:00-1:00 – LUNCH is provided

1:00-1:15 – About OFGC – Chad Hale, President

### CONCURRENT SESSIONS

#### Room A:

1:15-2:00 – Managing Horse Pastures – Dawn Sherwood

2:00-2:45 – Room A: Grazing Seed Production Fields from a Seed Grower's Perspective – Don Wirth

#### Room B: Hay/Silage Workshop

1:15-2:45 - Growing and Storing Quality Feed for Added Profit – Jon Bansen and Jerald Bush

Hay Nutrient Export From the Farm: Economically Sustainable? – Mylen Bohle

Silage and Hay Quality: What is it and What is it Worth – Gene Pirelli

#### Room C:

1:15-2:00 – The Possibility of Extending the Grazing Season with RyzUp Smartgrass

2:45-3:00 – BREAK

3:00-4:15 – Case Study - apply what we have learned and hear solutions from the “Experts”

4:15-5:00 – OFGC Business Meeting – Everyone Welcome

Featured Speaker is Neil Lane, from Australia where he is a consultant with Intelact, a consulting firm focused on “lifting productivity and driving profitability”. He will address the dairy and beef industries from a global perspective and how forage management is central to farm profitability. He will also share management tips for grass stands that will apply to both silage and grazing situations.

Register at the door or send a check for \$45 to: OFGC, P.O. Box 197, Tangent, OR 97389. For more information, contact: Chad Hale, Phone: (541) 401-0730. Fax: (541) 451-7333, email: [chad.wfr@comcast.net](mailto:chad.wfr@comcast.net). Membership dues are \$35 for producers and \$350 for associate/corporate membership. Please RSVP by Monday, March 21, to help us plan for lunch.

*Mylon Bohle*

## 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 the following 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; we do not know when it will become available though.

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.

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. 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 to a depth of 2 inches on weekly sampling dates at Lower Bridge, Jefferson County, OR in 2009

	4/02	4/10	4/17	4/24	5/01	5/08	5/15	5/22*	5/29	6/05
<b>Clover Mite</b>										
Untreated Check	247	118	84	175	99	47	81	--	21	0
<b>Winter Grain Mite</b>										
Untreated Check	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*

## Central Oregon Hay Growers' Association

The Central Oregon Hay Growers Association (COHGA) is in the midst of their annual membership drive. Now more than ever, an increase in membership is needed. 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. Education is the key to our future.
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 the COHGA web site at [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 for you to market your hay).
4. Education—Central Oregon Forage Seminar held the last Saturday in January in Prineville.

The COHGA funded a research proposal from Mylen Bohle in 2010 to test the quality (including carbohydrates and sugars) of every cutting of 13 different grass species in a 3-cut and 4-cut harvest management regime at Powell Butte and Madras over 4 years time to document differences in quality. Those tests have just come back from the OSU KBREC NIRS lab in Klamath Falls.

You also can become a member of the Oregon Hay and Forage Association which sponsors the Oregon Hay Directory and web site <http://www.oregonhaygrowers.com> which also helps to market your hay. The OHFA sponsors the Oregon Hay King Contest. They pay the National NIRS Consortium dues, \$1,000 annually, for the KBREC in Klamath Falls to have the latest forage quality calibrations for their NIRS machine that is used for forage quality research.

Membership applications are due in April for inclusion in the Oregon Hay Directory. For more details and to obtain an application, contact the COHGA at the OSU/Crook County Extension office at (541) 447-6228.

*Greg Mohnen, President, COHGA and Mylen Bohle*

## Growing Degrees Update

The T-Sum (temperature summing) is calculated by summing the daily average between the daily maximum and minimum temperature in degrees F, and then subtract 32 degrees (base temperature for T-Sum). If the average is less than 0, discard the number, if the number is positive, it is accumulated, from January 1<sup>st</sup> as a growing degree-day (gdd). One web site address you can track the thermal time is at: <http://uspest.org/OR/>, which is the direct web site to all weather stations on this system. Use "simple average" and 32 degrees base temperature to plug into the calculator. This T-Sum 360 F or T-Sum 720 F system for calculating gdd's is only to be used for timing nitrogen fertilizer applications on grass pasture and hay fields. If you want earlier pasture production, then when 360 F gdd's is accumulated, that is the best time to apply 50-60 lb/ac N. If you are applying high rates (100-150 lb/ac) of nitrogen to grass hay fields, than apply around 720 gdd's.

Table 1. T-Sum dates for the present year (s) for 180, 360, 540, 720, and 900 accumulated T-Sum growing-degree days (GDD's) from January 1<sup>st</sup> for selected Oregon locations. (Fertilize at 360 gdd's for pasture, if you want earlier forage, and around 720 gdd's for grass hay.) (GDD's using 32 degrees F base temperature as of March 6, 2011)

<b>Location/ Elevation</b>	<b>Year</b>	<b>180 GDD's</b>	<b>360 GDD's Fertilize Pasture</b>	<b>540 GDD's</b>	<b>720 GDD's Fertilize Grass Hay</b>	<b>900 GDD's</b>
Madras (2440')	2008	Feb 16	Mar 10	Apr 6	Apr 25	May 6
	2009	Feb 6	Mar 20	Apr 8	Apr 20	May 3
	2010	Jan 21	Feb 16	Mar 12	Mar 30	Apr 17
Prineville 4 NW (2840')	2011	Jan 27	Feb 28	419		
	2008	Feb 23	Mar 14	Apr 14	May 3	May 14
	2009	Feb 3	Mar 15	Apr 7	Apr 20	Apr 30
Redmond (3077')	2010	Jan 23	Feb 17	Mar 15	Apr 4	Apr 19
	2011	Feb 4	338			
	2008	Feb 24	Mar 18	Apr 22	May 5	May 16
Powell Butte (3180')	2009	Feb 4	Mar 20	Apr 10	Apr 25	May 9
	2010	Jan 24	Feb 25	Mar 21	Apr 15	Apr 26
	2011	Feb 4	327			
Bend (Agrimet) (3650')	2008	Feb 20	Mar 10	Apr 13	May 2	May 14
	2009	Feb 3	Mar 15	Apr 7	Apr 21	May 6
	2010	Jan 20	Feb 16	Mar 15	Apr 6	Apr 26
Paulina (3688')	2011	Jan 27	Mar 2			
	2008	Feb 24	Mar 18	Apr 14	May 3	May 14
	2009	Feb 4	Mar 19	Apr 9	Apr 21	May 3
Christmas Valley (4360')	2010	Jan 29	Feb 28	Mar 24	Apr 16	Apr 29
	2011	Jan 27	Mar 3			
	2008	Mar 18	Apr 22	May 6	May 16	May 24
Fort Rock (rawns) (4430')	2009	Feb 25	Mar 31	Apr 23	May 3	May 15
	2010	Feb 13	Mar 17	Apr 15	Apr 27	May 13
	2011	165				
Seneca (4665')	2008	Mar 12	Apr 24	May 8	May 17	May 27
	2009	Mar 1	Apr 8	Apr 23	May 12	May 21
	2010	Feb 12	Mar 28	Apr 23	May 13	May 25
Seneca (4665')	2011	Feb 14	220			
	2008	Mar 13	Apr 24	May 8	May 17	May 26
	2009	Feb 25	Apr 5	Apr 21	May 8	May 18
Seneca (4665')	2010	Feb 11	Mar 16	Apr 16	May 3	May 17
	2011	Feb 13	234			
	2008	Apr 30	May 7	May 17	May 27	Jun 11
Seneca (4665')	2009	Apr 10	May 2	May 17	May 25	Jun 2
	2010	Mar 28	Apr 23	May 14	May 26	Jun 6
	2011	75				

## Calendar

### March

- 14-16 Processing Specialty Fruit and Vegetable Products Short Course, Corvallis, Oregon. For more information: [deborah.yacas@oregonstate.edu](mailto:deborah.yacas@oregonstate.edu) or call 1-800-823-2357.
- 16-18 Webinars from the USDA's 2011 Organic Farming Systems Conference. For more information: <http://www.extension.org/article/33545> or contact your local Extension office.
- 14 & 21 Ag Composting Resources and Education Series (see article page 5).
- 17 Wheat Marketing Meeting (see article page 3).
- 19 Crook County Stock Growers Association Annual Banquet (see article page 3).
- 22 Irrigation & Agriculture Energy Efficiency Town Hall Meeting (see article page 2).
- 23-25 Artificial Insemination School (see article page 3).
- 24 Oregon Forage and Grassland Council Annual Forage Conference (see article page 5).
- 26 Fiber Market Day, Prineville, Oregon. For more information: Barb Peters @ (206) 923-8166.

### April

- 6-27 Residential Irrigation Basics (see article page 2).
- 16 10 Annual Goat Jamboree (see article front page).
- 21 Wheat Marketing Meeting (see article page 3).
- 23 Pesticide Applicator Laws & Safety (see article front page).
- 23 Northwest Elite Club Lamb Sale, Union, Oregon. For more information: (541) 815-0205 or (541) 786-3822.

### May

- 12 Native Plant Seed Production Field Day (see article front page).
- 19 Wheat Marketing Meeting (see article page 3).

### June

- 19-23 High Desert Youth Range Camp, Burns, Oregon. For more information: [anna-marie.chamberlain@oregonstate.edu](mailto:anna-marie.chamberlain@oregonstate.edu) or call (541) 881-1417.



**Central Oregon Agriculture**



RETURN SERVICE REQUESTED