

Central Oregon Agriculture

INSIDE THIS ISSUE:

CALENDAR Page 5

CEREAL

- Statewide Monthly Wheat Marketing Meetings 2
- Tri-State Grain Growers Convention 2
- Seeding Rate Effect on Winter Cereal Grain Yield and Lodging 4

FORAGE

- National Alfalfa and Forage Alliance's Alfalfa Seminar 3
- 2013 Oregon Hay King Contest 3
- 2013 Western States Alfalfa and Forage Conference 3
- Alfalfa Variety Trials 4
- What is Hay Worth? 4
- Testing Your Cereal Hay 4
- Fall Forage Management 4 & 5

GENERAL AG

- Practical Intro. To Cheese Making 2
- Oregon Society of Weed Science Annual Meeting 2
- Far West Winter Conferences 3
- New & Revised Publications 4
- Could White Rot Have Moved With Water or Wind in the Recent Storm? 4

SMALL FARMS

- Northwest Small Farms Conference 2
- 2013/14 Farm-Based Workshops 3

Pesticide Applicator Courses at COCC - Bend Campus (Link)

The following classes are 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. For trainees, the Department of Agriculture exams are offered by COCC's Testing Center (in COCC Barber Library) immediately following each class (5:30-8:30 pm). Bring \$25 cash or check payable to COCC Testing Center for test.

Pesticide Applicator Laws & Safety – Nov. 15 (Fri) 8am-5pm

Pesticide Applicator-Herbicides Ornamental & Turf – Nov. 16 (Sat) 8am-5pm

Pesticide Applicator-Insecticide/Fungicide Ornamental & Turf – Nov. 22 (Fri) 8am-5pm

Pre-registration for all courses is required. Call (541) 383-7270 or go to: <http://www.cocc.edu/continuingeducation/building/> (Link) for online registration.

Nancy Jumper/COCC, (541) 383-7273

Growing Populations of Brown Marmorated Stink Bug Could Harm Late-Season Crops (Link)

Oregon State University researchers warn of an increased risk of damage to late-ripening crops this year after discovering record levels of the brown marmorated stink bug, a newly established invasive pest in Oregon. OSU's latest information and research on the pest can be found at <http://BMSB.hort.oregonstate.edu> (Link). In the meantime, OSU researchers are testing specific insecticide controls for the brown marmorated stink bug, as none are registered for the insect. Herbicides and fungicides are not known to be effective.

Daniel Robison/OSU, (541) 737-1386

Spotted Wing Drosophila Identified in Central Oregon (Link)

Do you grow berry crops like strawberries, raspberries, blackberries or blueberries? What about tree fruits like cherries or peaches? Well, there's a new pest in town that is particularly attracted to these fruits. It is the Spotted Wing Drosophila or *Drosophila suzukii*. This pest was first found in Oregon in 2009 but up till now has not been seen in Central Oregon. In September there was positive identification of it in Redmond.

Check out these articles for more information.

<http://ir.library.oregonstate.edu/xmlui/bitstream/handle/1957/20883/em9026.pdf>

<http://ir.library.oregonstate.edu/xmlui/bitstream/handle/1957/19525/em9021.pdf>

<http://www.ipm.ucdavis.edu/PMG/PESTNOTES/pn74158.html>

Mylene Bohle and Amy Jo Detweiler

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↓ **IMPORTANT!** Please see back page for those receiving the newsletter in a "hard" copy (paper) form.

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.

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- ◆ Pamela Wiederholt, Ag Newsletter Coordinator/ Webmaster, (541) 447-6228

Central Oregon County Extension Offices (all area codes are 541)

- ◆ 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 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

- ◆ Marvin Butler, 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

- ◆ Mylen Bohle, Forage, Hay, Pasture, Cereals, 447-6228
- ◆ Fara Brummer, Ag and Natural Resource, Warm Springs Indian Reservation, 553-1520
- ◆ Marvin Butler, Vegetable Seed, Grass Seed and Peppermint Production, 475-7107
- ◆ Tim Deboodt, Range Resources and Livestock, 447-6228
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- ◆ Steve Fitzgerald, Forestry, 548-6088
- ◆ Katie Ralls, COARC Educational Coordinator, 475-7107
- ◆ Gustavo Sbatella, Crop and Rangeland Weed Control, 475-7107
- ◆ Toni Stephan, Horticulture & Small Farms Instructor, 548-6088

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, or does it imply approval of the product to the exclusion of others.

Practical Introduction to Cheese Making

October 8-10, 2013, Withycombe & Wiegand Halls, OSU Campus, Corvallis, Oregon.

For people who want to learn how to make different types of cheese. This course places heavy emphasis on practical application and hands-on cheese making.

[Click here for registration information](#) (Link) or contact: Dr. Lisbeth Goddik, (541) 737-8322, lisbeth.goddik@oregonstate.edu.

Dana Martin

Statewide Monthly Wheat Marketing Meetings

The Oregon Wheat Growers' League have announced that the Statewide Marketing Education Series Meetings will resume Thursday, October 17, 2013. These monthly meetings generally occur the third Thursday of each month via Polycom video conferencing at various locations throughout the state.

Central Oregon producers can view the monthly Polycom presentations at the COARC, Madras site, (541) 475-7107, or at the OSU Crook County Extension Service office, Prineville site, (541) 447-6228. Please call the day before to confirm your attendance and / or to make sure the meeting is taking place.

For more information: www.owgl.org (Link), or contact Sally Christensen, Member Services Director, OWGL, (541) 276-7330.

Mylen Bohle

3rd Annual Inland Northwest Small Farms Conference

Saturday, October 19, 2013, Spokane Falls Community College, 3410 W Fort George Wright Drive, Spokane, Washington. This year's theme is Country Living with Purpose & Profitability. There will be 15 workshops on topics related to animal and crop production, sustainable farming practices, business and marketing. The workshops will be targeted at rural land owners, beginning producers, and producers who are looking for ways to expand their production and products.

[Click here for registration information](#) or call (509) 535-7274.

Toni Stephan

Oregon Society of Weed Science Annual Meeting

The Oregon Society of Weed Science will be holding their Annual Meeting and Conference at the Best Western Inn, Hood River, Oregon, October 30-31. Membership is \$20 annually and the and 1½ day conference cost is \$80. Agenda and registration details are located at: <http://osws.hort.oregonstate.edu/> (Link), or contact Jeannette Harper at Jeanette.harper@oregonstate.edu or call (541) 752-4229.

Mylen Bohle

Tri-State Grain Growers Convention

The 2013 Tri-state Grains Conference will be held at the Davenport Hotel, Spokane, WA, November 14-16. One of the highlights will be "Tips for Marketing Crops and Livestock in the Top Third of Prices" presented by Mark Gold – Marketing in the Top-Third, along with the Hefty Brothers – AG PhD TV. Idaho, Oregon, and Washington will hold their annual meetings at the conference. For more details go to <http://www.owgl.org/> (Link) or <http://www.wawg.org/convention> (Link) or call (509) 659-0610.

Mylen Bohle

National Alfalfa and Forage Alliance's (Link) **Alfalfa Intensive Training Seminar**

November 19-21, Embassy Suites, Denver International Airport, Denver, Colorado.

The seminar is taught by Extension Forage Specialists and USDA Dairy Research Center personnel from Kentucky, Wisconsin, Pennsylvania, and Minnesota. Eleven and one half certified crop advisor credits will also be offered.

[Click here to register online](#)

[Click to view the 2013 AITS Informational Brochure](#)

[Click to view the 2013 AITS Schedule](#)

Call NAFA's Western office for more information, (509) 585-5460 or www.alfalfa.org (Link).

Mylon Bohle

2013 Oregon Hay King Contest

The Oregon Hay and Forage Association in cooperation with Oregon State University Extension Service and Oregon State University Agricultural Experiment Station is sponsoring the 2013 Oregon Hay King Contest; being held on Saturday, November 16, Jackson County Expo/Fairgrounds, 1 Peninger Road, Central Point, Oregon.

The Hay King contest is an annual event where hay growers can not only show off their hay, but network with other growers, exchange ideas, and just celebrate the end of another year's harvest. The 2013 contest will be hosted by the newly formed Southwest Oregon Hay Growers' Association. The 7 hay classes to be judged will include: 1. dairy alfalfa 2. retail alfalfa 3. grass 4. grass/legume mix 5. cereal 6. cereal/legume (pea or vetch) mix 7. timothy.

[Click here for registration information](#) (PDF) or go to: <http://www.oregonhaygrowers.com> (Link). Contact for the Hay King Contest is Mylen Bohle at mylen.bohle@oregonstate.edu or call (541) 447-6228.

Mylon Bohle

Far West Winter Conferences

◆ The Far West Agribusiness Association announced the 2013 December Winter Conference & FWAA Annual Meeting, to be held at the Red Lion Hotel, Pasco, Washington, December 9-11. Over 30 booths and great workshop sessions.

[Click here for registration information](#) or call (509) 465-5055.

◆ The Far West Agribusiness Association announced the January 2014 Winter Conference & FWAA Annual Meeting, to be held at the College of Southern Idaho, Twin Falls, Idaho, January 6-8. [Click here for registration information](#) or call (509) 465-5055.

Mylon Bohle

2013 Western States Alfalfa and Forage Conference

December 11-13, Peppermill Hotel & Casino, Reno, Nevada.

Alfalfa and forage crops are key economic drivers in all 11 Western States, from Colorado to California, and from Washington to New Mexico. Representatives from all 11 western states have joined together this year to plan a truly comprehensive alfalfa & forage conference.

Special sessions on corn and sorghum silage, pest management, alternative forages and economic trends are planned, as well as a large exhibit area representing the latest technologies.

A pre-symposium workshop featuring Jolene Brown on family farm management and inheritance is especially attractive this year. Information at: <http://ucanr.edu/sites/Alfalfa/> or contact [Dan Putnam](#), (530) 752-8982; [Earl Creech](#), (435) 797-7319.

Dan Putnam, UC-Davis and Earl Creech, USU, Symposium Co-Chairs

2013/14 Farm-Based Education Workshops (for buyers too!)

The Central Oregon Intergovernmental Council is partnering with regional organizations to host **FREE** farm-based workshops throughout this fall and spring of 2014. To attend any of the workshops listed below, click on the event title.

Spaces are limited so please RSVP soon!

[Click here](#) (Link), for an overview of the workshops, or visit the Central Oregon Food Policy Council's [website](#) (Link).

Policy Listening Session (Link)

Advocate for policies that positively affect farming practices and address the barriers and obstacles. *Representatives from: USDA, OR Dept. of Ag., Deschutes County & Governor Kitzhaber's Regional Solutions Team.*

Wednesday, October 30, 2013, 4-6pm, Redmond, OR.

Getting Into Whole Foods and Retail Markets (Link)

Have you outgrown your direct markets? Learn from *Jason Valdez, COFPC Board member and Whole Foods Marketing and Community Relations Leader*, about getting your product into retail stores.

Wednesday, November 6, 2013, 5-7pm, Bend, OR.

Crop Planning for Wholesale Sellers and Buyers (Link)

Farmers who are currently selling at the wholesale level will meet with buyers to develop a crop plan for the 2014 season utilizing the existing wholesale distributor, *Agricultural Connections*.

Monday, November 11, 2013, 2-4pm, Bend, OR.

C.O. Food Policy Council's Autumn Social (Link)

Each year we gather to celebrate the bounty of local food and the energy put forth by our community. Current and prospective members are invited to attend a fun filled night with a local food meal just for you.

Thursday, November 21, 2013, 5:30-7:30pm, Redmond, OR.

Social Media Marketing (Link)

Have you ever considered using Facebook, twitter, a website and newsletters to engage customers? Learn from *Jason Valdez, COFPC Board member and Whole Food Marketing and Community Relations Leader* about using social media tools to your advantage.

Wednesday, December 4, 2013, 5-6:30pm, Bend, OR.

Production Greenhouse Construction (Link)

Learn how to construct and maintain a greenhouse. Grants (\$500-\$2500) are available for eligible producers to purchase greenhouse materials. Limited Seats.

Wednesday, January 8, 2014, 5:30-7:30pm, Redmond, OR.

Katrina Van Dis/COIC, (541) 548-8163

New and Revised Publications

The following Extension resources are now available online:

- How to Reduce Bee Poisoning from Pesticides (PNW 591). Authors: L. Hooven, R. Sagili, E. Johansen. Revised September 2013, 35 pages, no charge. Go to: <http://ir.library.oregonstate.edu/xmlui/bitstream/handle/1957/42829/PNW%20591.pdf>.
- A Guide to Collecting Soil Samples for Farms and Gardens (EC 628). Authors: M. Fery and E. Murphy. Revised September 2013, 5 pages, no charge. Go to: <http://ir.library.oregonstate.edu/xmlui/bitstream/handle/1957/42799/ec628.pdf>.
- The following Extension resource is now available from the OSU Crook County Extension office: Pasture and Grazing Management in the Northwest (PNW 614). Multiple Authors, published 2010, 210 pages, \$18.00. Contact pam.wiederholt@oregonstate.edu or call (541) 447-6228 for shipping costs.
- The 2013-2014 Oregon Hay and Forage Association Directory should be available in October. The hay directory is published by the Oregon Hay and Forage Association at (541) 447-6228, www.oregonhaygrowers.com (Link). Numerous dairies and feed stores in Oregon, Idaho, Washington, and northern California, as well as OHFA producers and industry members will receive directories.

Mylon Bohle

Could White Rot Have Moved With Water or Wind in the Recent Storm?

The recent severe storm in Jefferson County occurred during or immediately following the garlic harvest. Could the localized flooding and high winds from the storm, moved White Rot fungus from field to field?

There are no absolute answers to this question, but growers might want to consider the points made in the [article](#) (PDF), and arrive at their own conclusion.

Fred Crowe, Emeritus Research & Extension Plant Pathologist

Alfalfa Variety Trials

Conventional alfalfa and Round Up Ready alfalfa variety trial results at the Central Oregon Ag. Research Center in Madras, Oregon.

[Second Cutting Data — July 10, 2013](#) (PDF)

[Third Cutting Data — August 15, 2013](#) (PDF)

For more information call (541) 475-7107.

Marvin Butler and Katie Ralls

What is Hay Worth?

Wondering what the price of hay is whether you are buying or selling? If you are growing, selling, or purchasing hay, you may want to get in on the weekly call from USDA Livestock, Grain & Hay Market News from Portland, Oregon. You can call (503) 326-2237 or click on their Website at:

<http://ams.usda.gov/lsmarketnews/> (Link).

Once you are signed up to participate in the hay market report, and want to contribute to the report, someone from the office will call (or you can call) and inquire if you have sold hay, number of tons, price, what the quality is, etc. Information is then compiled weekly and posted on the Internet or is published in the Capital Press. The idea is, if both seller and buyer know the market, then a true, free and fair market exists for all concerned.

The Central Oregon hay market report can be accessed on the Oregon hay market report Website at:

http://www.ams.usda.gov/mnreports/ml_gr313.txt (Link)

Mylon Bohle

Testing Your Cereal Hay is Important!

There seems to be more cereal hay around, and with the hotter growing conditions this summer, producers selling and purchasers buying cereal hay, should be testing that hay for nitrates. Elevated nitrate levels in forage is more of an issue for ruminant animals, while horses are much more tolerant of higher Nitrate levels in forage. Of course any grass, grass/alfalfa, and even alfalfa forage that was stressed for one reason or another, should also be tested.

Mylon Bohle

Seeding Rate Effect on Winter Cereal Grain Yield and Lodging

Choices about planting what class and varieties of wheat have probably been made and the seed may already be planted. Expenses seem to go up every year – fuel, fertilizer, irrigation costs, and seed. Producers might think about backing off on seeding rates to cut seeding rate expenses. In fact, maybe even cut back to half of the usual seeding rate of the typical 30 seeds per square foot. As with any new cultural idea or crop, one does not want to plant the whole farm to a new crop or one variety, or plant everything with a new cultural practice such as a “new” seeding rate.

To see the data on the seeding rate effect on Stephens SWWW and Celia winter triticale yield and lodging at the COARC Madras, Oregon, harvested in crop years 1998 and 1999 [click here](#) (PDF).

Mylon Bohle, Ernie Marx, Rhonda Simmons, Russ Karow, and Steve James

Fall Forage Management

We have about one month left of forage growth in our irrigated pastures and hay fields. How we manage these fields before the forage plants go dormant will determine how they perform next year.

Right now grass plants are growing new roots systems and new tillers are being formed (since the end of August) that will be next year’s grazing or hay production. If we have clipped or harvested to an inch or less that is not good plant management. This will restrict the root growth and tiller formation. While different plant species have different minimum grazing heights so they will perform optimally – around 3-4 inches minimum plant height going into the winter is what is needed for the majority of grass plants to function properly and optimally.

Continued on page 5

Continued from page 4**Fall Forage Management**

Grass performs better with more plant height left behind. But consideration of rodents and what do you do with last year's forage in next year's bales are considerations as well.

(Orchardgrass, as one example, may not fully recover the carbohydrates and sugars it had prior to its harvest, until the first 5 leaves of the plant are formed during re-growth.)

Gene Pirelli, Regional Livestock and Forage Agent in Polk County shared with me recently, that he did a residual grazing height study with sheep, about 18 years ago, which left different residual plant heights going into the winter in the Willamette Valley. What he found was that the pasture treatment with 4 inches or more of stubble height, had

graze-able forage 6 weeks earlier than the continuous grazed pasture the following spring.

Alfalfa – the whole time it is re-growing until it reaches a plant height of 6-8 inches is totally dependent upon root reserves. If it does not grow taller than the 6-8 inches, over about 6 weeks of regrowth time, to begin to replenish the root carbohydrates, then it goes through winter in its most weakened state.

Mylen Bohle

Wheat Variety Trial Results

Central Oregon and other Oregon region Wheat variety trial data are available at:

<http://cropandsoil.oregonstate.edu/wheat/> .

Mylen Bohle and Rhonda Simmons

Calendar 2013

(Have an Ag related meeting, happening? Call Pam @ (541) 447-6228 to add to Calendar)

October

- 8-10 Practical Introduction to Cheese Making (see article page 2).
- 17 Wheat Marketing Meeting (see article page 2).
- 19 3rd Annual Inland Northwest Small Farms Conference (see article page 2).
- 30 Policy Listening Session (see article page 3).
- 30-31 Oregon Society of Weed Science Annual Meeting (see article page 2).
- 31 Hay Quality Samples are due for Oregon Hay King Contest (see article page 3).

November

- 4-8 Irrigation Show & Education Conference, Austin Convention Center, Austin, Texas (703) 536-7080 ext. 11, or go to www.irrigation.org (Link).
- 6 Getting Into Whole Foods and Retail Markets (see article page 3).
- 11 Holiday
- 11 Crop Planning for Wholesale Sellers and Buyers (see article page 3).
- 14-16 Tri-state Grain Growers Convention (see article page 2).
- 15 Pesticide Applicator Course (see article front page).
- 16 Pesticide Applicator Course (see article front page).
- 16 2013 Oregon Hay King Contest (see article page 3).
- 19-21 National Alfalfa and Forage Alliance's Alfalfa Intensive Training Seminar (see article page 3).
- 21 C.O. Food Policy Council's Autumn Social (see article page 3).
- 21 Wheat Marketing Meeting (see article page 2).
- 22 Pesticide Applicator Course (see article front page).
- 28-29 Holiday

December

- 4 Social Media Marketing (see article page 3).
- 9-11 Washington Far West Winter Conference (see article page 3).
- 11-13 Western States Alfalfa and Forage Conference (see article page 3).
- 19 Wheat Marketing Meeting (see article page 2).
- 25 Holiday

January 2014

- 1 Holiday
- 6-8 Idaho Far West Winter Conference (see article page 3).
- 8 Production Greenhouse Construction (see article page 3).
- 12-14 American Forage and Grassland Council Annual Conference, Memphis, TN. www.afgc.org (Link).
- 25 C.O. Forage Day, Prineville, OR.
- 31 C.O. Pesticide Conference, Deschutes County Fairgrounds, Redmond, OR.

February

- 5-6 C.O. Farm Fair, Madras, OR.

March

- 15 Living On A Few Acres (LOAFA) Expo., Deschutes County Fairgrounds, Redmond, OR.

Attention, changes are not only coming...some are here!



As you can see, the Central Oregon Agriculture newsletter is much lighter in it's "hard" copy (*paper*) form. That is because most of the *condensed* articles will either take you to a Link, PDF Link or a Website on the internet.

For those of you not receiving the newsletter via email, I have included most of the articles with a contact phone number.

We have done this for two reasons, to include more information with each bi-monthly newsletter, and to be more cost effective.

If you would like to receive it as an emailed letter, please contact your local Extension office to give them updated information.

I'm hoping this transition will not be an inconvenience. The Extension staff will do their best to keep you informed of all upcoming events.

Thank you!/
Pam Wiederholt/Central Oregon Agriculture Newsletter Coordinator/Crook County

For the Central Oregon Agriculture newsletter in it's entirety, or to view past newsletters, go to: <http://extension.oregonstate.edu/crook/ag/newsletter> (Link)

Crook County: <http://extension.oregonstate.edu/crook/> (Link) or call (541) 447-6228

Deschutes County: <http://extension.oregonstate.edu/deschutes/> (Link) or call (541) 548-6088

Jefferson County: <http://extension.oregonstate.edu/jefferson/> (Link) or call (541) 475-7107

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