Central Oregon Farm Fair and Trade Show
Wednesday & Thursday, February 6-7, 2008
Jefferson County Fairgrounds
Madras, Oregon

Plans are underway for the 2008 Central Oregon Farm Fair and Trade Show to be held February 6-7 at the Jefferson County Fairgrounds. The tentative schedule for the educational program is listed below, the final agenda will be posted at http://extension.oregonstate.edu/jefferson/. Lunch will be provided both days by CHS and other sponsors, and of course there will be free refreshments.

Topics will include current agricultural issues such as a wheat market outlook, a perspective on specialty crop production with high commodity prices, several pest and soil management topics, and of course the NUID water outlook for the 2008 season. We expect to have 4 hours of recertification credit for pesticide applicators, 2 credits on Wednesday PM and 2 credits on Thursday PM.

The Central Oregon Farm Fair and Trade Show is a fun social event, a great opportunity to get updated on issues affecting agriculture, and hear research reports on crops grown in central Oregon. The event is sponsored by the Jefferson County Seed Growers, Central Oregon Peppermint Growers, and Oregon State University Extension.

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<th>Wednesday, February 6</th>
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<td>9:00</td>
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See GENERAL AG: Trade Show, Page 3
Horticulture —
High Desert Green Industry
Conference being held in February

The Annual High Desert Green Industry Conference will be held on February 13 and 14 at the Deschutes County Fair & Expo Center, Redmond, Oregon. This is a conference for the green industry in the PNW that promotes and fosters education and professional development in all aspects of landscaping. There will be a 2 day trade show, expanded conference, including new Master Class seminars, pesticide recertification credits, certified arborist CEU’s, and golf course superintendent education points available. Single registration by January 19 is $145 per person, while after that date the fee is $175. There are special registration discounts available for multiple persons from the same business, or for one day attendance, etc. Agenda and registration details are at http://extension.oregonstate.edu/deschutes; or if you have questions, you may call (541) 548-6088.

Amy Jo Detweiler

General Ag —
Western SARE Grants

SARE grants are used to increase knowledge about sustainable agricultural practices and to help farmers and ranchers adopt those practices. The Western SARE program administers grants in several categories that help it achieve those aims. Each grant operates on an annual cycle and is selected through a competitive process. Applicants are typically informed whether their project has been approved for funding within six months of the submission deadline. Dispersal of funds rests on Congressional budget decisions.

Research and Education grants.
Farmer/Rancher Professional + Producer grants
Professional Development Program grants.

For more information (or hard copies of calls for proposals) contact: Western SARE Office, Utah State University, (435) 797-2257. For more information (or for paper copies of calls for proposals) on Professional Development Program grants, contact: Western SARE PDP Office, University of Wyoming, (307) 532-8892.

The following information will help you with your grant application. For questions about developing your budget, consult the U.S. Department of Agriculture's publication, Required Budgetary Details. If your project involves livestock (any vertebrate animal), you will want to consult the guidelines for proper and humane care of animals as outlined by IACUC, or the Institutional Animal Care and Use Committee.

More in depth information and other application due dates are located at http://wsare.usu.edu/.

Mylen Bohle
GENERAL AG: Trade Show
Continued from Front Page

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<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter</th>
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<tr>
<td>1:30</td>
<td>*Spray Water Quality</td>
<td>Bob Eccles, Wilbur-Ellis</td>
</tr>
<tr>
<td>2:00</td>
<td>*Weed Control in Non-Crop Areas</td>
<td>Bob Parker, WSU</td>
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<tr>
<td>2:30</td>
<td>*Grass Control in Wheat</td>
<td>Larry Bennett, OSU</td>
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<tr>
<td>3:00</td>
<td>*Cereal Leaf Beetle Update</td>
<td>Gary Brown, USDA-APHIS</td>
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<td>3:30</td>
<td>Roundup Ready Alfalfa Update</td>
<td>Steve Orloff, UC-Davis</td>
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<td>4:00</td>
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**Thursday, February 7**

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<tr>
<th>Time</th>
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<tr>
<td>9:30</td>
<td>Kentucky Bluegrass Varieties Trial</td>
<td>Rich Affeldt, OSU</td>
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<tr>
<td>10:00</td>
<td>New Crops Outlook</td>
<td>Brian Duggan, OSU</td>
</tr>
<tr>
<td>10:30</td>
<td>Spring Wheat Variety Selection</td>
<td>Mike Flowers, OSU</td>
</tr>
<tr>
<td>11:00</td>
<td>NUID and Basin Water Outlook</td>
<td>Tom McCoy, Farmer</td>
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<td>11:30</td>
<td>CO Mint Growers Assoc Mtg</td>
<td>Jim Cloud</td>
</tr>
<tr>
<td>12:00</td>
<td>LUNCH</td>
<td>Sponsored by CHS</td>
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<tr>
<td>1:30</td>
<td>*Weed Control Resources on the Internet</td>
<td>Barbara Hinds-Cook, OSU</td>
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<tr>
<td>2:00</td>
<td>*How Grass and SU Herbicides Work</td>
<td>Dan Curtis, OSU</td>
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<tr>
<td>2:30</td>
<td>*How Vydate Works</td>
<td>Dennis Wilson, DuPont</td>
</tr>
<tr>
<td>3:00</td>
<td>*White Rot Control in Garlic</td>
<td>Fred Crowe, OSU</td>
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<tr>
<td>3:30</td>
<td>Adjourn</td>
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*Recertification credit applied for*

**Core Pesticide Training Session**

Thursday, February 21, 2008, Madras, Oregon

A Core Pesticide Training session will be held February 21 at the Senior Center, 860 SW Madison Street in Madras, Oregon. Licensed private pesticide applicators are required to obtain 4 core credits of the 16 that are required for recertification. We will have 4 core credits available. OSU Extension Agents Rich Affeldt and Brian Charleton will conduct the training. There will be various core topics including calibration, pesticide fate, and IPM. The highlight of the training session will involve a demonstration of drift-reducing nozzles.

The training will be held from 8:30 AM to Noon. If your core training component has been satisfied, the four hours of credit are transferred to other hours. A registration fee of $10.00 will cover the facilities and refreshments. For more information contact Rich Affeldt at (541) 475-3808 in the Madras Extension office.

**What Can Renewable Energy Do For You?**

Within the last couple of years there has been a significant interest surrounding the renewable energy craze. Whether the talk has been about ethanol or wind power, it’s all renewable! Many people may be utilizing or have utilized renewable energy and not even realized it. Renewable energy may be new in today’s vocabulary, but it is not a new concept.

The wood or pellet stove that heats the home and/or shop every winter is a renewable energy source. A skylight, a sun room, and a green house are examples of both renewable light and heat from the sun. There are few still in service, but small-scale wind mills have been used in the past for an energy source to pump water to a home site or for livestock use. Currently, there are still several water wheel systems that are creating electricity for homes, grain mills, sawmills, etc.

Utilizing all of these natural resources for renewable energy sources is very much a reality with today’s technology. Not only is heat and power being produced at large scales, such as wind farms and co-generation projects, it can also be applied within the home and/or on the farm. Several folks are utilizing renewable energy and saving money all at the same time. There are many different ways to utilize today’s natural resources to create the energy needs of today.

Wood or pellet stoves as a heat source are probably the most common use of renewable energy. If you are interested in electrical generation to utilize the sun, you might want to look into the modern technology of solar panel systems. Solar panels for electrical generation or for domestic hot water heating are being used now more than ever. Central Oregon provides a prime climate for these types of solar applications! Initial investment for these systems may seem expensive, but with the list of tax credits and long term energy savings, the benefits out way that initial investment. When these types of systems are implemented within the original blue prints for a home, shop, barn, etc. it is more economical. The most common ranch or farm application of solar power has been for livestock watering sites. These projects have been very successful and cost efficient.

Another source to generate power for the home is using a small-scale wind mill that charges a generator system and provides power to whatever application you want. Depending on how much your project requires in electricity, the wind mill may generate all the energy needed for the project, or it may only supplement a portion of the energy needed. Similar to the wind mill concept is micro-hydropower, most known as a water wheel or a water turbine. Those who live adjacent to creeks or rivers could greatly benefit from micro-hydro. By inserting a micro-hydro system into an outlet adjacent to the stream, electricity is generated through a small turbine system. Similar to the wind mill, the mini-hydro may not be able to produce enough power depending on the application.

If you are interested in any of these sources of renewable energy for the home or farm, there are several state and federal tax credits. Current legislation is strongly supporting renewable energy and all of its possible applications. If you would like to know more about the tax credits and general information, visit the Oregon Department of Energy website at http://www.oregon.gov/ENERGY/RENEW/.

For local technical assistance regarding the implementation of these renewable energy systems into your home, ranch, or farm, please contact Libby Rodgers at the OSU Crook County Extension office at (541) 447-6228.

**Libby Rodgers**

*Rich Affeldt and Brian Charleton*
General Ag —
Ties to the Land—Succession Planning for Ranching Families
Thursday, January 24, 2008
OSU/Crook County Extension Office
498 SE Lynn Blvd., Prineville, Oregon

Attend with as many interested family members as possible—only one $50.00 registration fee per ranch! Additional fee charged per person for meals.

What’s in the first workshop?
Do you need to have a succession plan? What happens if you don’t?
What do you want the future of your legacy to be?
What’s important to each generation?
What needs to be passed on?
Family communication. How to organize and conduct family meetings.
An introduction to institutional constraints and opportunities.
Rules, laws and taxes.
Ownership structures.
Team building for a positive succession outcome.
Choosing your professional partners.
What are their roles and what will it cost?
How to get started.
What can you do right away?
Forming an action plan.
You will be given specific steps to get started!

What’s in the second workshop (date and place to be announced in the Spring)?
More specific and detailed options from:
Attorney
CPA
Investment advisor
Land trust specialist
Ranch management advisor
Review progress on action plan
Ask the experts

Questions about workshops?
Bart Eleveld, OSU Extension, Workshop Coordinator
(541) 737-1409 or Bart.eleveld@oregonstate.edu
Barbi Riggs, OSU Crook County Extension, Prineville
(541) 447-6228 or Barbi.riggs@oregonstate.edu
Kay Teisl, Oregon Cattlemen’s Association
(503) 361-8941 or kayteisl@orcattle.com

Workshops presented by:
Oregon Cattlemen’s Association, Austin Family Business Program, Oregon State University and the USDA—Risk Management Agency.

Registration
Name: ______________________________________
Address: ______________________________________
City, State, Zip: ________________________________
Phone #: (____)_______________
Number of family members or associates attending
(for meal planning): ______

Registrations assist with room set-up and meal planning.
Since variable numbers of people may attend per ranch,
meal costs will be charged per-person at the door.

Return Registration with $50 check (only one fee per ranch), made out to OSU Extension Service, by January 21, 2008 and mail to:
Bart Eleveld
Agricultural & Resource Economics
Dept.
213 Ballard Extension Hall

Please return registration one week prior to the event!

Barbi Riggs

Livestock —
Jefferson County Livestock Association
55th Annual Meeting and Banquet
Saturday, January 19, 2008

Inn at Cross Keys Station, Madras, Oregon

The meeting will begin at 10:30 am and will include a no host lunch and speakers (Mike Slater and Jon Belozer, Wildlife Services; Tom and Stacy Norton, Bill Moore, OCA President; and Jim Welch, OCA). The banquet will begin at 5:30 pm and feature a presentation of awards to local youth and cattlemen. Lars Larson, Emmy award winner and broadcaster, will be the guest speaker. All cattlemen are encouraged to participate from Jefferson County and surrounding area. The banquet cost $25.00 per person; RSVP is appreciated but you are welcome without registration. Please phone Candy or Jill at (541) 475-3808. Auction items can be dropped off at the Jefferson County Extension office or can be brought to the banquet with you. Hope to see you there!

Barbi Riggs
4th Annual Cattleman’s Workshop  
-Efficiently Hitting the Targets-  
Saturday, January 19, 2008  
Blue Mountain Conference Center  
La Grande, Oregon  

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<td>9:00 - 9:15</td>
<td>Workshop Introductions &amp; Overview, Dr. Tim DelCurto, Oregon State University, Union</td>
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<tr>
<td>9:15 - 10:00</td>
<td>Beef Industry Overview: Meeting the Challenge of Change, Tommy Beall, Beall Consulting Group, Mead, CO</td>
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| 10:00 - 10:45| Challenges and Opportunities for the North American Beef Cattle Industry, Dr. Tom Field, Colorado State University, Fort Collins, CO  
| 10:45 - 11:00| Break (provided by sponsors) |
| 11:00 - 11:45| The Changing Beef Industry and Meeting Current/Future Consumer Expectations and/or Demands, Al Kober, Director/Retail Division, Certified Angus Beef LLC, Wooster, OH  
| 12:00 - 1:00 | Lunch (provided by sponsors)  
| 1:00 - 1:45 | Producing Cattle that Will Meet Future Feedlot and Packing Industry Targets, Dr. Bill Mies, Elanco Animal Health, Greenfield, IN  
| 1:45 - 2:30 | Optimizing Cow/Calf Production Efficiency with Feeder and Packer Expectations, Dr. Twig Marston, Kansas State University, Manhattan, KS  
| 2:30 - 2:45 | Break (provided by sponsors)  
| 3:30 - 4:15 | Panel Discussion Ron Rowan (moderator); Tommy Beall/Tom Field/Al Kober/Bill Mies/ Twig Marston/Pono Von Holt |
| 4:15 – 4:30 | Workshop Wrap-up Ron Rowan, Beef Northwest  

Oregon Meat Goat Producers Have Marketing Pool  

One of the challenges in raising goats and sheep is often the limited marketing outlet for product in this area. The Oregon Meat Goat Producers have established a marketing pool to help create greater revenue for its members. Animals of similar characteristics from different farms are pooled to create commingled groups for sale. I encourage you to look into this marketing pool to see how it may increase your revenue. For more information call Mary Young at (541) 546-3351, area Marketing Coordinator for Jefferson, Wheeler, Crook and Deschutes counties.

Livestock Demographics in the Tri-County Area

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<th>Crook</th>
<th>Deschutes</th>
<th>Jefferson</th>
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<tbody>
<tr>
<td>Number of Farms</td>
<td>685</td>
<td>1632</td>
<td>428</td>
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<tr>
<td>Farms with Livestock</td>
<td>69 %</td>
<td>61 %</td>
<td>52 %</td>
</tr>
<tr>
<td>Farms with Cattle</td>
<td>57 %</td>
<td>43 %</td>
<td>39 %</td>
</tr>
<tr>
<td>Farms with Horses</td>
<td>56 %</td>
<td>54 %</td>
<td>39 %</td>
</tr>
<tr>
<td>Farms with Sheep</td>
<td>6 %</td>
<td>8 %</td>
<td>7 %</td>
</tr>
<tr>
<td>Farms with Goats</td>
<td>5 %</td>
<td>8 %</td>
<td>4 %</td>
</tr>
<tr>
<td>Farms with Poultry</td>
<td>9 %</td>
<td>15 %</td>
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Farm life often includes livestock. More often than not, livestock in the Tri County area include cattle and/or horses. However, other livestock are present and important to farm families.

Horse numbers seem to correspond closely to cattle numbers in both Crook County and Jefferson County. However, in Deschutes County there are a greater number of farms that report horse ownership than cattle ownership.

Cattle production is valuable to the Tri-County area. It accounts for 67% of the agricultural revenue in Crook County, 30% in Deschutes and 12% in Jefferson. A majority of the farms have less than 50 head of cattle (73% Crook, 90% Deschutes, 69% Jefferson). However, a majority of the cattle population lies in ranches that have greater than 500 head. In Crook County, these large herds represent only 6% of all farms with cattle, but account for 65% of the cattle population. Likewise, only 5% of the farms with cattle have herds greater than 500 head in Jefferson County, but account for 50% of the cattle population. Deschutes county has a different story where the cattle population is fairly evenly distributed among farms that range in herd sizes of 20-49 head, 50-99 head, 100-199 head and 200-500 head; less than 1% of the farms with cattle have herds greater than 500 head. However, it is interesting to note that 50% of the farms with cattle in Deschutes County have less than 10 head of cattle.

Other livestock species range from goats for both milk and meat production to poultry, elk, buffalo and more. The diversity in livestock species may increase as more and more individuals participate in small farm production, niche marketing, and “lifestyle farming”.

The data presented in this story was derived from the 2002 U.S.D.A. Agriculture Census.

Barbi Riggs
Forage —

Washington State Hay Growers / WSU Hay Conference and Trade Show

Wednesday & Thursday, January 16-17, 2008

Three Rivers Convention Center

Kennewick, Washington

Conference Fee: Member ($70) and non-member ($85). To register: Phone: (509) 585-5460 or emailinfo@wa-hay.org, or go to http://www.wa-hay.org.

Mylen Bohle

Central Oregon Pest Management Course

Friday, February 15, 2008

The Riverhouse Hotel, Bend, Oregon

7:15 Registration
8:00 PICOL – Pesticide Information Center
9:00 Noxious Weed Control
9:30 Surfactants
10:15 Break
10:30 Complying with the Law
11:15 Ecology and Biology of Weeds
1200 Lunch
1:00 How Herbicides Work
1:50 Weed Management Practices in NW Parks: Results of USDA/CSREES Study
2:50 Fundamentals of Pesticide Formulations
3:15 Break
3:30 Fundamentals of Pesticide Formulations (Cont.)
4:00 Are Inert Ingredients Inert?
5:00 Adjourn

The Pest Management Course will be held at The Riverhouse Hotel - 3075 N. Highway 97, Bend OR. Hotel conference rates are $68/$81 (single/double), plus tax, until January 16th.

Ph: (541) 389-3111 or 1-800-547-3928. Pest Management Course Registration is $60 (after Feb. 8 - $70). We have applied for 8 pest recertification credits for Oregon and Washington. Mail registration information (name, business name, address, phone number, email, etc) and payment (payable to: OSU CO Pest Mgmt Course) to Linda Parks, IPPC/OSU, 2040 Cordley Hall, Corvallis, OR 97331-2915, or call (541) 737-6279.

Mylen Bohle

Multi-Peril Crop Insurance Program

Dates

The Risk Management Agency reminds producers of winter and spring sales closing dates for the Multiple Peril Crop Insurance programs and the Adjusted Gross Revenue Pilot, and the Adjusted Gross Revenue-Lite programs available across the PNW which cover most farm-raised crops, animals and animal products. AGR and AGR-Lite are based on a producer’s five-year historical tax form information and an annual farm report to provide a level of guaranteed revenue for the insurance period. USDA will pay a portion of the premium.

January 31 – The final date to obtain or change Adjusted Gross Revenue Pilot (AGR) Insurance in Oregon and the final date to submit required documents to continue, or change 2008 Adjusted Gross Revenue-Lite (AGRR-Lite) insurance for existing policy holders.

February 1 – Final date to obtain or change crop insurance coverage for spring planted onions and cabbage pilot programs.

March 17 – Final date to obtain 2008 Adjusted Gross Revenue-Lite (AGRR-Lite) insurance for new application enrollment policies. Final date to obtain or change all other spring seeded crop insurance coverage (excluding wheat in counties with fall and spring planted types).

Producers should contact a local crop insurance agent to learn additional program details. If there is no coverage in your county for a specific crop under the traditional MPCI program, please ask your agent whether you would be eligible for coverage under a written agreement. A list of crop (and livestock) insurance agents is available at all USDA Service Centers or at the web site: http://www3.rma.usda.gov/tools/agents/.

Jo Lynne Seufer, Risk Mgmt. Specialist, USDA
1-800-205-9953

Tim Stock and Mylen Bohle

11th Annual Northwest Direct Seed Cropping Conference and 3rd Annual Equipment Show

Wednesday & Thursday, January 23-24, 2008

Three Rivers Convention Center

Kennewick, Washington

Registration deadline was December 21st for Members $120 and Non-members $190 fees (there are special discounts for more than one from the same farm or business) with; registration is more after that date. Information is available at http://www.directseed.org/ or contact: (208) 883-3645 or email to PNDSA@directseed.org. Special Direct Seed Conference rates are available at the following Kennewick, WA hotels: Hilton Garden Inn (509-735-4600), Red Lion Inn (509-783-0611), and Quality Inn (509-735-6100).

Mynen Bohle
Forage —

**USDA Hay Market Report**

Supply and Demand is what drives the price of the commodity in any fair and free market system. You as an individual producer of hay can help be a part of the market information system. If you are selling or buying hay, you can report your sale or buy, on a weekly basis, to Jack Getz at the USDA Livestock, Grain and Hay Market news office in Moses Lake, WA. Jack and crew can be contacted at (509) 765-3611 by phone or (509) 765-0454 by fax, or by emailing jack.getz@usda.gov. You may also contact them for present market information and trends. Their website is located at [http://www.ams.usda.gov/lsmnpubs/index.htm](http://www.ams.usda.gov/lsmnpubs/index.htm), and you can access the weekly hay report (and other Ag reports) at this site. Information to have handy when reporting a hay buy or a sale, includes hay type, tons, price per ton, and quality. The Central Oregon Hay Growers Association and the Oregon Hay and Forage Association worked with the USDA Market News Service and were very instrumental in starting these regional hay market reports including the Central Oregon Hay Market Report. This a great tool for aiding in marketing your hay; take advantage of this report and the system set up and keep reporting your hay buys and sales.

**Up in Smoke!**

Previous work in Manitoba, Canada, showed that straw burning showed estimates of total loss of nitrogen (N) and sulfur (S), and no loss of phosphorus (P) and potassium (K). Recent research, there, now shows that average nutrient loss is over 90% of the carbon, 98% of N, 70% of S, 24% of P and 35% of K in spring wheat, oat and flax straw. The nutrient concentration in the ash, carbon, 98% of N, 70% of S, 24% of P and 35% of K in spring wheat, oat and flax straw. The nutrient concentration in the ash was concentrated from 2 to 10 times greater, than that in the straw, but there was less overall weight left of the nutrients.

It was assumed that most of the loss was in the smoke or as particulate that drifted away, since the smoke or particulate matter was not measured. Wind speed and direction, and perhaps high temperature volatilization of K may have been a factor, but not likely" they say. While there are also positive benefits to burning (for reducing insects, weeds, mites, and reducing straw load so you can farm), if one can avoid any recreational burning, it would be advantageous from a fertility standpoint, as well as, reducing the carbon load into the atmosphere.

An agronomist working in Saskatchewan reported that a composite soil sample showed that the soil test K value was 223 ppm. But when the agronomist sampled the field in the burned windrow area and between the windrow burns, the results were very different. He found that 25% of the field had a soil test K value of 325 ppm (burned windrow area) and 75% of the field had a soil test K value of 114 ppm (area between windrows). So redistribution of the nutrients by windrowing and burning, in some cases, needs to be thought about as well.

(From "up in smoke – nutrient loss with straw burning", Better Crops with Plant Food. PPI. Vol 90, No. 3. 2006)

**Small Acreage —**

**Central Oregon Small Acreage Program**

The Small Acreage position is new to the OSU Extension Service in Central Oregon. I am excited to lead this program as it grows to meet the needs of people living on rural properties in Deschutes, Jefferson and Crook counties.

Considering the growth in our area, it is clear that Central Oregon’s landscape is rapidly changing. Properties are being divided into smaller units as people move to the country to enjoy the rural lifestyle they have dreamed about. With this growth, special concerns and questions arise regarding these properties. How do I effectively irrigate 5 to 20 acres? What are these weeds and how do I get rid of them? What type of hay should I feed my animals? How do I manage my livestock? Are there other crops I can grow on my acreage?

In Central Oregon, we also have many entrepreneurs who are interested in “niche” farming. They strive to earn income from their land and would benefit from educational programs covering such topics as specialty markets, production practices and business and financial planning.

Having served in Crook County as the 4-H Youth Development agent for the past 10 years, I am no stranger to Central Oregon or the OSU Extension Service. In my new position, 60 percent of my time is designated for administrative leadership as Staff Chair of the Deschutes Extension office. The remaining 40 percent of my time will be focused on the Small Acreage program in Central Oregon.

There are so many directions to go with this Small Acreage program and I look forward to organizing educational events and collaborating with partners to meet the needs of landowners in Central Oregon. I would appreciate hearing your thoughts and ideas on how this program can best serve you. Please contact me at: dana.martin@oregonstate.edu or call 541-548-6088 x 7957.

**Save this date:** The annual “Living on a Few Acres” (LOAFA) conference will be March 15, 2008. Exciting workshops covering many of the topics addressed above will be offered. More information about LOAFA will be coming soon.

**Dana Martin**

![Photo provided by Steven Fitzgerald](image)
Central Oregon Agriculture Calendar

January
11-12 Oregon Essential Oil Growers League Annual Convention, Salishan Lodge and Golf Resort, Gleneden Beach, OR. Contact the Association office at (503) 364-2944 for further information.
16-17 Washington State Hay Growers Hay Conference and Trade Show. Three Rivers Convention Center, Kennewick, WA. Call (509) 585-5460 or visit www.wa-hay.org (see article page 6)
18 Wine Grape Grower Workshop. $75 North Willamette Research and Extension Center. Aurora. Contact Leeann Julson at (541) 737-5480 or email leeann.julson@oregonstate.edu
19 Jefferson County Livestock Association 55th Annual Meeting and Banquet, Madras (see article page 4)
19 4th Annual Cattleman’s Workshop—Efficiently Hitting the Targets, La Grande, OR (see article page 5)
23-24 11th Annual Northwest Direct Seed Cropping Conference and 3rd Annual Equipment Show, Kennewick, Washington (http://www.directseed.org/ or contact: (208) 883-3645 or email to PNDSA@directseed.org (see article page 6)
24 Ties to the Land—Succession Planning for Ranching Families, Prineville (see article page 4)
29-31 Northwest Agricultural Show. Portland Expo Center. 2060 NW Marine Dr. (http://www.nwagshow.com/

February
6-7 CO Farm Fair and Trade Show, Jefferson County Fairground, Madras (see article front page & page 3)
13-14 High Desert Green Industry, Deschutes County Fairgrounds, Redmond (see article page 2)
15 CO Pest Management Course, The Riverhouse Hotel, Bend (see article page 6)
16 8th Annual Small Farms & Farm Direct Marketing Conference. LaSelle Stewart Bldg., OSU Campus, Corvallis http://smallfarms.oregonstate.edu
17 Field Tour for Producers: Extended Season Production ($45) See Small Farms &… Conference Website.
Idaho Hay and Forage Conference. Burley Inn, Burley, ID. Call (208) 736-3608.
21 Core Pesticide Training, Senior Center, Madras (see article page 3)
TBA Central Oregon Hay Growers’ Association Annual Meeting.

Central Oregon Agriculture

Deliver To:

T-Sum Timing for Forage Production
Starting with the February CO Agriculture Newsletter we will begin updating the 2008 crop year accumulated growing degrees (gdd) for different locations. T-Sum Timing is used to time your spring nitrogen fertilizer applications on grass pastures in order to produce earlier forage for grazing, and also to optimize grass hay yield. The optimum timing for applying N fertilizer on pastures is around 360 gdd’s, and around 725-775 gdd’s for grass hay.

Mylen Bohle