## Core Pesticide Training Program - Tuesday, February 10, 8:30 a.m. - 12:00 Noon, Maccie Conroy Facility, Jefferson County Fairgrounds, Madras, OR

A program for Core pesticide credits will conducted by Rich Affeldt and Brian Charlton, OSU Extension Service on February 10. Part of the program will demonstrate new nozzle technology to reduce pesticide drift. Even if your Core component has been satisfied, this is a great opportunity to see new nozzle technology at work and the four hours of credit can apply as other hours. Licensed private pesticide applicators are required to obtain 4 core credits of the 16 that are required for recertification. Other topics will include sprayer calibration, pesticide fate, and integrated pest management.

A registration fee of $20.00 will cover the facilities and refreshments. For more information or to register contact OSU Extension Service, Jefferson County, 34 SE D St, Madras, OR 97741, or call (541) 475-3808.

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## Cows and Creeks V - Thursday, February 19, Prineville, OR

- 8:45-9:00 Registration
- 9:00-9:15 Welcome
- 9:15-10:00 Life Cycle of Fish, Guillermo Giannico, Oregon State University.
- 10:15-11:00 Grazing strategies to ensure success of the rancher and the fish, Jimmy Eisner, BLM National Riparian Team.
- 11:00-11:30 Update on Crooked River fish release, and progress and timing for completing construction of the new fish facilities here at Round Butte Dam, Don Ratliff, P.G.E.
- 11:30-12:15 Lunch Provided
- 12:15-1:00 Ranching Success Story: Stacy Davies, Roaring Springs Ranch.
- 1:00-1:45 Financial and technical assistance for landowners in preparation for fish, Brett Hodgson, Oregon Department of Fish & Wildlife.

Sponsored by OSU Crook County Extension Service and Crook County Soil and Water Conservation District. **Registration Deadline February 10th**: $15.00 per person. Please mail payment to OSU/Crook County Extension office, 498 SE Lynn Blvd, Prineville, OR., 97754, or phone (541) 447-6228.

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## Crop Diagnostic Workshop - Tuesday, February 24, 9:00 a.m. - 12:00 Noon, Maccie Conroy Facility, Jefferson County Fairgrounds, Madras, OR

Oregon State University Extension is offering a Crop Diagnostic Workshop to help agriculturists sharpen their trouble-shooting skills for improved crop management. The workshop will utilize real case studies to teach a practical step-by-step approach for accurately diagnosing agricultural crop problems. The case studies will illustrate insect, weed, disease, soil fertility, irrigation, and cultural problems associated with a variety of crops. Crop consultants, farmers, pesticide applicators, land managers, Extension educators, and Ag service dealers are encouraged to attend. Pesticide recertification for OR, CA and CCA credits will be offered. Pre-registration is requested and enrollment is limited to 40 people. Cost for the workshop is $50.00 per person and payable to Oregon State University. For more information or to register contact the OSU Extension Service, Jefferson County, 34 SE D St., Madras, OR 97741, or call (541) 475-3808.

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*Rich Affeldt*

*Barbi Riggs*
FORAGE —

PNW Certified Forage Testing Labs (2009)

The following labs were certified by the National Forage Testing Association (NFTA) for 2009.

Oregon: AgriCheck, Umatilla (541) 922-5496 (Chemistry)
        Basin Agri-Serve, Merrill (541) 798-5112 (Chemistry)

Idaho: Bar Diamond, Parma (208) 722-6761 (Chemistry)
       CRI North West Labs, Inc. Jerome (208) 324-7511 (NIRS & Chemistry)
       GHC Labs, Filer (208) 326-7237 (NIRS)

Washington: Ag Health Laboratories, Inc. Sunnyside (509) 836-2020 (Chemistry)
           A.V. Labs, Othello (509) 488-2468 (Chemistry)
           Custom Dairy Services, Lynden (360) 354-4344 (Chemistry)
           Kuo Testing Labs, Inc., Othello (509) 488-0112 (Chemistry)
           MuKang Labs, Inc. Pasco, (509) 544-2159 (Chemistry)
           Soiltest Farm Consultants, Inc., Moses Lake (509) 765-1622 (Chemistry / NIRS)
           USAg Analytical Services, Inc., Pasco, (509) 547-3838

California: (There are many certified labs in California)

Montana: Analytical Experiment Station, Bozeman (406) 994-3383 (Chemistry)

Utah: Utah Dept. of Agriculture & Food, Ogden (801) 392-2292 (Chemistry)

The labs are certified annually and the process for 2009 began in December 2008. The labs have to test 6 samples for dry matter, crude protein, ADF, and NDF and receive a “C” or higher grade, averaged across all 6 samples. The 6 samples represent 4 alfalfa samples (one of which contains at least 20% grass) 1 grass sample, and 1 corn silage sample. The cost to certify is $375 for either NIRS or chemistry or $550 for both (applications had to be in by December 16 and payment made by January 11 to participate). If you are interested in other labs or other information from, or about, the NFTA, check out their website:
http://foragetesting.org/.

Mylen Bohle
GENERAL AG —

Crook County Landowner Workshop/
Meet with Local, State, and Federal
Agencies

February 23, Prineville, 9:00 a.m. to 2:00 p.m.
Sponsored by Crook County Soil and Water Conservation District, this workshop will connect landowners with local grant opportunities, research and education. A deli style lunch will be provided – RSVP: Dottie @ (541) 447-3548.

Dottie Morisette, District Manager, SWCD

Value Added Producer Workshop
The Value Added Workshop will be presented by the ODA, Oregon Tilth, Salmon Safe, NRCS, Rural Development, and Farmers Kitchen. Producers will learn about marketing their own products, product certification, grant opportunities, farm to school program, what local restaurants want from local producers, and a food safety. The workshop will be held at the Blue Mountain Community College West Campus, Hermiston. The program runs from 4:00 p.m. to 9:00 p.m. in Room 120. Contact Aaron Reyna at (541) 278-8049, Ext 141.

Sustaining Agriculture in the Pacific Northwest

You are invited to a conference to plan the sustainability of agriculture in the Pacific Northwest. The conference will be February 10, 11 & 12, 2009 at the Shilo Inn in Richland, Washington. Sustainable agriculture is economically viable, environmentally sound and socially acceptable.


“The conference will review participants’ experiences with sustainability, highlight lessons learned and craft a plan to sustain Pacific Northwest agriculture and rural communities. The plan will address the interests of decision makers in families, organizations, businesses, cooperatives, communities, higher education, government agencies and the media who influence the future of the region’s agriculture and natural resources,” said Don Nelson, WSU Extension Beef Specialist, speaking for the conference planning committee.

Participation in this conference is open to everyone interested in sustainability. The conference specifically invites each of the 158 graduates of WSU’s Integrated Farming Systems/Holistic Management Project (WSU-Kellogg Project), conducted between 1995-1999, directed by Nelson and partially funded by the W.K. Kellogg Foundation.

Graduates of the project include ranchers, farmers, agency representatives, organizational leaders and community leaders from Washington, Oregon and Idaho, as well as members of the Colville Confederated Tribes.

Project graduates and special guests will summarize their experiences with sustainability during the last decade and highlight lessons learned. Then, conference participants will apply lessons learned to create an action plan to sustain the future of agriculture and rural communities in the Pacific Northwest. Conference sessions and exhibits will provide powerful historical information about impacts of the five year WSU – Kellogg Holistic Management Project and other contributions to sustaining agriculture and natural resources and will highlight potentials for Pacific Northwest communities in the next decade.

Purpose: To energize people to develop a collaborative action plan to create a holistically sustainable PNW. We plan to convene many of the 158 participants of the 5-year (1995-1999) Kellogg funded Integrated Farming systems/Holistic Management Project and attract others who are interested in connecting and collaborating in a sustainable agriculture movement.

Expected Impacts: Short-Term: connect people, energize participants by hearing first-hand success stories and develop a collaborative action plan. Intermediate-Term: Groups of people connected at the conference continue to work together after the conference to refine and implement the action plan. Long-Term: Positive on-the-ground changes that lead to increased profitability; more integrated use of natural resources in PNW agriculture; fewer conflicts over natural resources and agricultural practices.

Evaluation Plan: Jim Long, retired WSU Extension Evaluation specialist, will develop an evaluation process to: (1) estimate the contribution of the conference toward connecting and engaging people in action planning and (2) further enable conference participants after the conference to monitor progress toward implementing the plan.

After January 15, 2009, registration will be $175 for one person and $300 for two people from the same family. High school and college students may register for $145 after January 15. The registration fee includes four meals during the conference.

To register for the conference, send payment in the amount of your registration fee to the Kittitas County Conservation District (KCCD), indicate that it is for the Sustainability Conference and mail it to: Sustainability Conference c/o KCCD, 607 E. Mountain View Ave., Ellensburg, WA 98962. For conference registrants, the special nightly room rate at the Shilo Inn is $70 per room plus tax. To reserve a room at the Shilo Inn, call (509) 946-4661 and tell them you are with the Sustainability Conference. For more information contact Don Nelson, nelsond@wsu.edu, (509) 335-2922; or Doug Warnock, dwarnock@charter.net, (509) 525-3389.

Don Nelson & Doug Warnock, WSU
GENERAL AG — Central Oregon Intergovernmental Council Grant Help

Central Oregon Intergovernmental Council offers comprehensive professional grant writing and grant funding research. The following grants are available through USDA Rural Development. If you are interested and/or need help applying contact: Katrina Van Dis 541-504-3307, kvandis@coic.org and Phil Chang 541-548-9534, pchang@coic.org

**Rural Business Enterprise Grant** program provides grant funds for precisely-targeted technical assistance, training, feasibility studies, and other activities that support the development of specifically identifiable small business enterprises in rural areas. A requirement of this grant is that there is job creation. This is a cost-share program. Website: [www.rurdev.usda.gov/or/rbeg.htm](http://www.rurdev.usda.gov/or/rbeg.htm) Deadline is March 2, 2009.

**Value-Added Producer Grant** provides grants to plan and implement value-added ventures to increase the revenue of commodity producers. Farmers and ranchers may receive matching grants for either planning or working capital purposes, such as feasibility studies and marketing projects. The goal is to increase the producer’s share of revenue from the commodities they produce. Website: [http://www.rurdev.usda.gov/or/vapg.htm](http://www.rurdev.usda.gov/or/vapg.htm) Deadline is early 2009.

**Rural Energy for America Program** provides grants and “gap” loans for energy efficiency and renewable energy projects. This program provides financing to rural small businesses and agricultural producers to help cover the cost of making improvements to facilities. These projects are generally larger in size. Website: [http://www.rurdev.usda.gov/or/reap.htm](http://www.rurdev.usda.gov/or/reap.htm) Deadline is early 2009.

**CEREALS — Fertilizing Wheat**

As Spring approaches, the planting of spring wheat will begin shortly. Fertilizer applications needed for both winter and spring wheat are fast approaching as well.

Research, on-farm, and on-station at the COARC, has shown that hard red spring wheat (HRSW) nitrogen needs are a minimum of 320 lb of N per acre (soil N + fertilizer N). Soft white spring wheat nitrogen needs are just a little more than half of that amount. In general, HRSW takes 2.8-3.0 lb of N to produce a bushel with 14% protein. Soft white spring wheat yield probably tops out at 1.5 lb of N per bushel, or thereabouts. With soft white wheat, low protein is the product sought after.

With on-station variety trial research over the years, the winter wheat/triticale grain trials have been managed for 200 lb of N per acre and spring soft white wheat/triticale trials have been managed for 160-180 lb of N per acre (soil N + applied N), for optimum yield (not optimum protein for HRSW) and also if greater than those rates of N were applied, we found that lodging increased. Over the years, producers and fieldmen, most probably will find that each field has its own yield potential, and needs to be managed accordingly.

Local research in Central Oregon has also shown that nitrogen fertilizer needs to be applied by 1st visible node (jointing). If application is made after that, your yield potential will decrease. HRSW needs 70 percent of the nitrogen requirement to be applied at planting, with the rest (30 percent) applied no later than boot stage. It is/may also be good insurance to apply 20-40 lbs. N per acre around heading. Nitrogen applied at this late growth stage increases protein only.

Table 1. Nitrogen rate response of six HRSW and one SWSW varieties at the COARC Madras, Oregon in 2000.

<table>
<thead>
<tr>
<th>Treatment #</th>
<th>Yield (bu/ac)</th>
<th>Protein (%)</th>
<th>Test Wt. (lb/bu)</th>
<th>Grain N Uptake (lb/ac)</th>
<th>Lb of N Per bu. (lb/bu)</th>
<th>N Use Eff. of Total N Avail. (%)</th>
<th>Cost of N Applied ($/ac)</th>
<th>Cost of Applied N per bu ($/bu)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. 135 (188)</td>
<td>132</td>
<td>10.8</td>
<td>63.8</td>
<td>150</td>
<td>1.5</td>
<td>75.8</td>
<td>101.25</td>
<td>0.76</td>
</tr>
<tr>
<td>2. 215 (268)</td>
<td>133</td>
<td>12.4</td>
<td>63.6</td>
<td>174</td>
<td>2.1</td>
<td>62.5</td>
<td>161.25</td>
<td>1.21</td>
</tr>
<tr>
<td>3. 295 (348)</td>
<td>130</td>
<td>13.9</td>
<td>62.7</td>
<td>189</td>
<td>2.8</td>
<td>52.7</td>
<td>221.25</td>
<td>1.70</td>
</tr>
</tbody>
</table>

N cost is figured at $0.75 per lb. One would also need to add an application cost. The N for treatment #1 was applied on April 1, and treatments #2 (additional 80 lb/ac) and #3 (additional 160 lb/ac), N was broadcast applied on April 19th and irrigated.

There is more in depth data published in the 2000 COARC Annual report.

To raise HRSW vs. SWSW, the additional nitrogen cost will be a minimum of another $125 an acre, over and above the cost of raising SWSW (at $0.75 lb for N). When protein is 10.5%, we think we have achieved maximum yield.

(Research was done locally by Peter Sexton, Rhonda Simmons, Neil Christensen, Russ Karow, John Bassinette, and Mylen Bohle)

Mylen Bohle
FORAGE —
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 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 1st as a growing degree-day (GDD). One website address you can track the thermal time is at: http://pnwpest.org/wea

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 1st for selected Oregon locations. (Fertilize at 360 for pasture and around 720 for hay.) (GDD’s using 32 degrees base temperature as of February 1, 2009)

<table>
<thead>
<tr>
<th>Location/Elevation</th>
<th>Year</th>
<th>180 GDD’s</th>
<th>360 GDD’s</th>
<th>540 GDD’s</th>
<th>720 GDD’s</th>
<th>900 GDD’s</th>
</tr>
</thead>
<tbody>
<tr>
<td>Madras (2440’)</td>
<td>2008</td>
<td>Feb 16</td>
<td>Mar 10</td>
<td>Apr 6</td>
<td>Apr 25</td>
<td>May 6</td>
</tr>
<tr>
<td>Prineville 4 NW (2840’)</td>
<td>2008</td>
<td>Feb 23</td>
<td>Mar 14</td>
<td>Apr 14</td>
<td>May 3</td>
<td>May 14</td>
</tr>
<tr>
<td>John Day (3063’)</td>
<td>2009</td>
<td>Mar 1</td>
<td>Mar 25</td>
<td>Apr 17</td>
<td>May 3</td>
<td>May 13</td>
</tr>
<tr>
<td>Redmond (3077’)</td>
<td>2008</td>
<td>Feb 24</td>
<td>Mar 18</td>
<td>Apr 22</td>
<td>May 5</td>
<td>May 16</td>
</tr>
<tr>
<td>Powell Butte (3180’)</td>
<td>2008</td>
<td>Feb 20</td>
<td>Mar 10</td>
<td>Apr 13</td>
<td>May 2</td>
<td>May 14</td>
</tr>
<tr>
<td>Mitchell (3320’)</td>
<td>2008</td>
<td>Feb 26</td>
<td>Mar 10</td>
<td>Apr 11</td>
<td>Apr 29</td>
<td>May 13</td>
</tr>
<tr>
<td>Bend (Agrimet) (3650’)</td>
<td>2009</td>
<td>Feb 18</td>
<td>Mar 18</td>
<td>Apr 14</td>
<td>May 3</td>
<td>May 14</td>
</tr>
<tr>
<td>Shaniko (ODT34) (3340’)</td>
<td>2009</td>
<td>Feb 26</td>
<td>Apr 10</td>
<td>May 1</td>
<td>May 14</td>
<td>May 20</td>
</tr>
<tr>
<td>Paulina (3688’)</td>
<td>2008</td>
<td>Mar 18</td>
<td>Apr 22</td>
<td>May 6</td>
<td>May 16</td>
<td>May 24</td>
</tr>
<tr>
<td>Klamath Falls (Agri 4100’)</td>
<td>2008</td>
<td>Mar 26</td>
<td>Apr 24</td>
<td>May 7</td>
<td>May 16</td>
<td>May 23</td>
</tr>
<tr>
<td>Burns (4E COOP) (4144’)</td>
<td>2009</td>
<td>Apr 4</td>
<td>Apr 25</td>
<td>May 17</td>
<td>May 25</td>
<td>Jun 2</td>
</tr>
<tr>
<td>Klamath Falls (Agri 4360’)</td>
<td>2009</td>
<td>Mar 12</td>
<td>Apr 24</td>
<td>May 8</td>
<td>May 17</td>
<td>May 27</td>
</tr>
<tr>
<td>Fort Rock (4430’)</td>
<td>2009</td>
<td>Mar 13</td>
<td>Apr 24</td>
<td>May 8</td>
<td>May 17</td>
<td>May 26</td>
</tr>
<tr>
<td>Seneca (4665’)</td>
<td>2008</td>
<td>Apr 30</td>
<td>May 7</td>
<td>May 17</td>
<td>May 27</td>
<td>Jun 11</td>
</tr>
<tr>
<td>Lakeview (Agri) (4770’)</td>
<td>2009</td>
<td>Apr 18</td>
<td>May 67</td>
<td>May 17</td>
<td>May 27</td>
<td>Jun 7</td>
</tr>
</tbody>
</table>

Mylen Bohle
FORAGE —

Hay Sampling Certification Exam

The purpose of the certification is to aid in standardizing hay testing protocols and to improve your understanding of the sampling and testing process. This is a learning opportunity, NOT just a test of knowledge. You can read the study materials and then take the exam on-line. The exam consists of 30 multiple choice questions that will focus on hay sampling methods, forage quality terms, and interpreting forage quality reports. All of the study materials are on-line to help you study. You have to answer all of the questions correctly to pass, but you can take it as many times as you like. The purpose is to serve as an instructional aid.

You can find this exam at http://www.foragetesting.org. It is a very educational exercise. (Edited from Hay Sampling Certification Exam by Dan Putnam and Steve Orloff, from the U. of California – Davis.)

Mylen Bohle

SMALL FARMS —

OSU Extension Service Small Farms Conference

Saturday, February 21, 9:30 a.m. to 5:00 p.m.,
OSU Campus, Alumni Center, Corvallis, OR

Keynote speaker: Michael Rozny, founder of Red Tomato, will speak on “Values Based on Supply Chains and Community Food Systems”.

Conference Sessions:

- Farmscaping for Beneficial’s
- Building a Sustainable Business
- Simple Ways to Promote your Farm
- Promoting Farmer’s Markets
- Alternative Poultry Feeds
- Alternative Energy and Renewable Energy
- Management Structures for Farmer’s Markets and more.

Registration information: http://smallfarms.oregonstate.edu

Dana Martin

Growing Farms…Successful Whole Farm Management Workshop Series

April 8, 15, 22, 29; May 6 and 20 (plus May 16 all day Saturday field trip); 5:00 p.m. to 9:00 p.m.
Deschutes County Extension Service Office, Redmond, OR.
Cost: $175.00/person or $300/two from same farm. Includes dinner!

The OSU Small Farms Program has designed a series to provide beginning farmers with the tools and knowledge to manage both the biological and financial risks of farming. A mix of faculty, experienced farmers and other professionals will present curriculum and resources vital to a sustainable small farm business. Sessions include:

- Dream It: Can I do This? Focus on defining values and assets to build a strong farm plan; set goals, assess farm resources. Information on grants, business structure, etc.
- Do It: Farm Operations: Understanding farm operations: labor, innovative equipment, renewable energy, irrigation, season extensions.
- Manage It: Is this Working? Financial planning; accounting practices, bookkeeping systems; understanding cash flow, balance sheets, Enterprise budgets, income statements.
- Sell It: Marketing: Create a marketing plan, wholesale and direct, strategies, innovative techniques.
- Grow It: Production Soil and Water Quality, fertilizers, plant problems, insects and disease management.

For more information, contact Dana at dana.martin@oregonstate.edu, (541) 548-6088 x7957

Dana Martin

CO Small Farms Networking Group

Saturday, March 7, 9:30 a.m. to 1:00 p.m., Gigi Meyer’s Windflower Farm, Alalfa, OR

Program: Commodity Inspection Staff from the Oregon Department of Agriculture will share relevant food safety practices for direct market growers and producers, including good agricultural and good handling practices. Attendees will receive participation letters acknowledging their review of Food Safety principles.

Laura Barton, Food Innovation Center, will discuss the Farm Direct Nutrition Program, Organic Cost Share Reimbursement program, as well as answer any marketing questions including the farm-to-school program.

Explore Gigi’s farm and learn what she is growing.

Network with other small farm producers.

Please bring something to share for the potluck lunch and bring your own chair.

If you plan to attend, please RSVP to Gigi at gigimeyer@msn.com, (541) 318-1417, or Dana at dana.martin@oregonstate.edu, (541) 548-6088 x7957.

Dana Martin

Living on a Few Acres-time to register

See following pages for class descriptions and registration form. Don’t miss out on the early bird discount!
2009 Living On A Few Acres (LOAFA) Class Descriptions
(see registration page 9)

**Session A**

9:00 a.m. - 10:20 a.m.

A1 (Part 1) What you should know about establishing fruit trees in Central Oregon (3 hour class)
This class will cover the principles concerning cold units, heat units, site selection, cultivar selection, rootstocks, soil suitability, how to do a soil sample and basic tree shapes.
(Clive Kaiser, OSU Extension Service)

A2 BERRY-licious
Learn how to grow different berries in the high cascades. Class attendees will learn how to grow, take care of, fertilize, water, and control different insect and disease problems. The first half of the class will cover berries that can be grown. Then we will talk about new and different berries including lingonberries, bilberry, seabuckthorn, honeysuckle, mountain ash, etc. There will be time for questions and this class is flexible depending on which 13 berry types people want to learn about.
(Ross Penhallegon, OSU Extension Service)

A3 Optimize Pasture & Grazing Management
Are you a livestock producer or a grass farmer? Learn how to “properly” manage your pasture or establish a new pasture, and use proper grazing management. Bring your questions.
(Mylen Bohle, OSU Extension Service)

A4 Poultry–Free range and organic, is this something I want to do?
Small flocks of poultry to produce eggs and meat for the family and for sale are becoming more popular. We will discuss how to get started, breeds and management, feeding, and the legal requirements of producers.
(James C. Hermes, OSU Extension Poultry Specialist)

A5 Preserving Wild and Domestic Meat, Poultry and Game
Now that you’ve grown it or bagged it, it will be harvested and ready to use all at once. Discover how you can freeze, dry or can your product. Learn about equipment needed, safe food handling, creating a use schedule and packaging techniques. See a demo on chicken fabrication. Make beef jerky and pressure can a meat or poultry product. Participants will get detailed directions and recipes. Advance registration required. Canning jars provided. **Lab fee $20.00.**
(Class size limited to 8.)
(Glenda Hyde, OSU Extension Service)

**Session B**

10:30 a.m. - 11:50 a.m.

B1 (Part 2) What you should know about establishing fruit trees in Central Oregon
This class will cover the principles concerning cold units, heat units, site selection, cultivar selection, rootstocks, soil suitability, how to do a soil sample and basic tree shapes.
(Clive Kaiser, OSU Extension Service)

B2 Bees....Discover What the Buzz is about
This presentation will cover the propagation and value of Mason bees as well as current methods of raising Mason bees using both natural products and purchased materials. Emphasis will be on maintaining a healthy, parasite free population. The program will also cover an overview of the benefits of raising Honeybees, plus some of the amazing abilities of these wonderful insects. A portion of the program will deal with observations a beekeeper makes when examining a hive.
(Morris Ostrofsky, Retired Biology Instructor and Beekeeper)

B3 Communing With Nature
Has life become a little too predictable? Are you looking for surprise, action and suspense showing up on your property from time to time? Fish, wildlife and habitat may be just what you need. Let me show you how to accommodate the wilder side of life throughout the seasons.
(Larry Pecenka, ODFW Habitat Biologist)

B4 First Aid for Livestock
Learn how to monitor vital signs, dress and treat wounds and common illnesses of your livestock. This class will take you outside where you will see hands-on demonstrations by a veterinarian and other professionals.
(Barbi Riggs, OSU Extension Service and guest Veterinarian)

B5 Reducing Fire Risk Around Your Home and Property
This class will discuss the factors that place your home and property at risk to wildfire. The class will cover fire behavior basics and provide practical “how to” fuel reduction techniques you can do to make your home and property more fire resistant.
(Stephen Fitzgerald, OSU Extension Service)

See Classes: LOAFA, Page 8
Sponsored Lunch and Program
12:00 Noon - 1:00 p.m.
Lunch provided by the Deschutes County Farm Bureau. While enjoying your free lunch, an Oregon Farm Bureau representative will provide you with legislative updates and share information about Farm Bureau programs.

Session C
1:00 p.m. - 2:20 p.m.

C1 (Part 1) Care and maintenance of Fruit Trees in Central Oregon (3 hour class)
This talk will cover fertilization, irrigation, pruning and training, insect and disease control of fruit pests.
(Clive Kaiser, OSU Extension Service)

C2 Growing Toward a Profitable and Sustainable Future
Small farms in Central Oregon can be profitable and sustainable. Learn about the many ins and outs of a diversified local Central Oregon farm and the attempt to meet this goal while raising livestock, a market garden and a Community Supported Agriculture (CSA) Program. Hear about a wide variety of successful high desert small farms that have improved the environment while supporting local communities. The time is ripe for farming anything from the smallest plot of soil to several acres. This presentation will include some of the tools, ideas, opportunities and resources needed to support your dreams.
(Jerre Kosta Dodson, Dancing Cow Farm, Prineville, Oregon)

C3 Why Grow Herbs
Learn about the top ten herbs that can be grown. Learn how to grow the herbs, their growing characteristics, what the herbs can be used for, and the potential by-products that come from herbs. Weather permitting, 10-20 samples of different herbs will be brought and exhibited for smelling and tasting.
(Ross Penhallegon, OSU Extension Service)

C4 Electric Fencing—Is it for you?
Learn how an electric fence works, the different types of fencing and where to use them. Cost comparisons between electric fencing and conventional fencing will be discussed.
(Randy Bailey, Gallagher Power Fence)

C5 Preserving Tomatoes and Tomato Products
Save the rich flavor of summer and vine-ripened tomatoes. Learn how to dry and can tomatoes safely. Learn what kind of equipment is needed and how to use it. During the lab you will make dried tomatoes in oil and can salsa. Participants will get detailed directions and recipes. Advance registration required. Canning jars provided. Lab fee $20.00. Class size limited to 8.
(Glenda Hyde, OSU Extension Service)

Session D
2:30 p.m. - 4:00 p.m.

D1 (Part 2) Care and maintenance of Fruit Trees in Central Oregon (3 hour class)
This talk will cover fertilization, irrigation, pruning and training, insect and disease control of fruit pests.
(Clive Kaiser, OSU Extension Service)

D2 Composting for Central Oregon
Learn the principles of composting and how you can take common available waste products and turn them into useful material for soil and plants. This class includes a hands-on demonstration that will take you outdoors to see the process and ask questions. With more than 40 years of experience with all forms of composting, Jim will be happy to share his expertise.
(Jim Fields, Fields Farm. Bend, OR)

D3 Irrigation Management
Want some tips on making “you” a better irrigator? Flood, hand line, and wheel line sprinkler systems will be covered. Learn about tools and strategies for improving irrigation practices on your farm.
(Mylen Bohle, OSU Extension Service)

D4 Toxic and Troublesome Weeds and Feed
Learn about common local toxic weeds that may affect the health of your animals. Discuss various feeds that can cause metabolic problems if managed improperly.
(Barbi Riggs and Tim Deboodt, OSU Extension Service)

D5 Growing Potatoes: What’s New? What Works?
Whatever your goal, whether it be a home-grown baker or sales at the local farmer’s market, this class will help you succeed. We will take a look at traditional and exciting new varieties for Central Oregon. Don’t miss the display of the most intriguing potatoes you have ever encountered. Take in suggestions to help you fill your root cellar or produce your crop organically. Remember, potatoes are goodness unearthed!
(Steve James, OSU Extension Service)
**Saturday, March 14**

Check In: 8:30 a.m.; Classes: 9:00 a.m. to 4:30 p.m.
North Sister Building, Deschutes County Fairgrounds
Redmond, Oregon

For information call OSU Extension Service, (541) 548-6088 x 7957
email: dana.martin@oregonstate.edu
http://extension.oregonstate.edu/deschutes

**2009 LOAFA Conference Registration**
(See Class Descriptions Pages 7 & 8)

**Class Selection (list first 2 choices)**

Session A: 1st: ____________________  2nd: ____________________
Session B: 1st: ____________________  2nd: ____________________
Lunch Program: Lunch provided by the Deschutes County Farm Bureau
Session C: 1st: ____________________  2nd: ____________________
Session D: 1st: ____________________  2nd: ____________________

Name: ____________________  Address: ____________________
City: __________  ZIP: _______  Phone: __________
Email: ____________________________________________

**Please include payment (Make checks payable to Deschutes County Extension/4-H)**

_____ $35.00 per person or _____ $60.00 for two (Include 2 registration forms for separate class requests) Early bird registration due by March 9.

_____ $50 per person for late registration Late registration March 10 and after.

_____ Additional lab fees for classes A5 & C5 ($20 each)

**Mail Registrations To:**
OSU/Deschutes County Extension Service
LOAFA Conference
3893 SW Airport Way
Redmond, OR 97756
Central Oregon Agriculture Calendar

February
6  C.O. Pest Management Course. The Riverhouse, Bend, OR (8 pest recert credits anticipated.)
10  Core Pesticide Training. Madras, OR (541) 475-3808 (see article front page).
10-12  Sustaining Agriculture in the Pacific Northwest. Shilo Inn, Richland, WA (see article page 3).
12  Value Added Producer Workshop. Blue Mtn. Comm. College West Campus. Hermiston, OR (541) 278-8049 (see article page 3).
19  Cows and Creeks V. Prineville, OR (541) 447-6228 (see article front page).
21  2009 OSU Extension Service Small Farms Conference, Corvallis, OR (see article page 6).
23  Crook County SWCD Land Owner Workshop. Prineville, OR (541) 447-3548 (see article page 3).
TBA  Oregon Hay and Forage Association Annual Meeting. Location TBA.

March
7  Central Oregon Small Farms Networking Group Meeting, Alfalfa, OR (see article page 6)
12  Wheat Marketing Meeting on Polycom. COARC, Madras, OR (541) 475-7107.

April
7-8  Oregon Dairy Industries Conference. Salem Conference Center and Phoenix Grand Hotel, Salem
8, 15, 22, 29  Growing Farms...Successful Whole Farm Management Workshop Series, Redmond, OR (see article page 6)
9  Wheat Marketing Meeting via Polycom. COARC, Madras, OR (541) 475-710.

2008 Winter & Spring Wheat Trial
Results
The winter wheat trial results were just posted recently to the OSU Cereal Breeding web site. The spring wheat trial results are not yet posted, but hopefully the data will be posted shortly.

For released SWWWW varieties tested for 3 years, the following is the top 10 rankings for (2008-2006 means): Tubbs (141.7 bu/ac), Goetze (140.0 bu/ac), ORCF-102 (139.3), Tubbs 06 (138.9), Weatherford (137.4), Westbred 528 (135.1), Skiles 133.9 bu/ac), Stepehns (133.4 bu/ac), Idaho 587 (130.4 bu/ac), and Cara (130.2 bu/ac).

For 2008, the mean yield of the trial was 127.8 with mean protein at 10.4%. The top 6 yielding varieties were Goetze at 142.8 bu/ac, followed by Tubbs 06/Rod Blend, ORCF 102, ID99-435, Tubbs 06, and Skiles at 135.9 bu/ac).

For complete data information on the 2008 wheat trial results including plant heights, lodging, heading dates, protein and test weight, or other wheat classes and trial locations, go to: http://cropandsoil.oregonstate.edu/wheat/, or call Mylen at (541) 447-6228 for a hard copy.  Mylen Bohle