



Oregon State University Extension Service

Central Oregon Agriculture

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Gardening: Get Good At It

The OSU Extension Service and Central Oregon Chapter of OSU Master Gardeners™ will host a series of two-hour vegetable gardening classes in March and April in Bend, Redmond, Madras, and Prineville. Both introductory and advanced level classes will be presented. This year, for the first time, the introductory level class also will be taught in Spanish in Madras, as well as in English. Classes are free, but registration is required. For schedule and locations, please visit the registration page: <http://extension.oregonstate.edu/deschutes/garden-classes> or call (541) 548-6088.

Amy Jo Detweiler

Crook County Stock Growers Annual Banquet - EVERYONE IS INVITED!

Saturday, March 16, /Crook County Fairgrounds/Carey Foster Hall, Lynn Blvd., Prineville

When: Business meeting ~ 2:30 - 3:30 pm
 Speaker panel and silent auction ~3:30 – 5:30 pm
 Tri-tip dinner and live auction ~ 6:00 - 8:00 pm
 Dinner: \$10 per person, \$20 per family (WOW, that's a bargain!)
 Speakers: Curtis Martin ----- O.C.A. President
 Mike McLane --- -----State Representative
 Mark Malott ----- Beef Council
 Jim Hensley----- --Sherriff / Gun Control
 Bill Hoyt ----- ---O.C.A. Past President
 John Herkner ----- Zoetis/Pfizer

For more information contact Allen Teskey at (541) 477-3848 or Christian Radabaugh at (541) 480-4130.

Tim Deboodt

Spring Sheep Producer's Workshops

Saturday March 23, 9:00 AM-Noon/4-H Clover Club, 502 SE Lynn Blvd., Prineville, OR

- Managing a Healthy Pasture-

Learn the best ways to keep your pastures functioning at their optimal levels – irrigated pasture and grazing management in central Oregon will be the focus. Soil fertility and fertilizers, irrigation management, grass and legume species, plant and root growth, grazing height, etc. will be among the topics covered. Bring your questions. Mylen Bohle, Central Oregon Extension Agronomist with OSU Extension Service - Crook County, will spend the morning reviewing the best techniques to keep your pastures in peak performance to better enhance your sheep operation.

Saturday April 13, 8:30 AM-Noon/Deschutes County Public Library, Redmond, OR

- Sheep Dairy Tour & Managing Sheep Parasites -

Have you wanted to learn more about the growing trend of dairy sheep operations in Oregon? Join us with as we visit a local sheep and goat dairy prior to the start of the parasite workshop.

Are parasites sucking your profits away? Take back control. Join Dr. Charles Estill, Oregon State University Extension Veterinarian, for a short course in sheep parasite management.

For more information and to RSVP, contact *Billie Estridge* at (541) 480-1340 or tcf@cbbmail.com.

Tim Deboodt

"Central Oregon Agriculture" is a bi-monthly newsletter produced by the Central Oregon Extension offices and the Central Oregon Agricultural Research Center. The intent of this newsletter is to extend agricultural research-based information to solve problems, develop leadership and manage resources wisely. Please direct comments and changes to the mailing list to your local County office.

- ◆ Mylen Bohle - Editor, 447-6228
- ◆ Pamela Wiederholt - Ag. Newsletter Coordinator, 447-6228

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

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- 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/coarcl/index.php>

Central Oregon Agricultural Extension Service Staff

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 Steve Fitzgerald - Forestry, 548-6088
 Gustavo Sbatella - Crop and Rangeland Weed Control, 475-7107
 Toni Stephan - Horticulture and 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.

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

Living On a Few Acres/Saturday, March 16, 2013

Time: 8:00 am - 5:00 pm

Location: Deschutes County Fairgrounds & Expo Center, Middle and South Sister Buildings, 3800 SE Airport Way, Redmond, Oregon

Living on a Few Acres (LOAFA) is a one-day conference which targets small acreage landowners and farmers of all sizes. Over 32 classes will be offered to provide opportunities to learn about field management, small acreage concerns, growing specialty crops, animal health and nutrition, tractor safety and driving, water rights and wildlife control and enhancement.

New classes this year will feature save water/save energy concepts, small scale composting, animal disaster evacuation strategy and farming for beneficial insects. Livestock classes covering poultry, beef, meat goat production and poisonous plants will be offered as well as equine sessions featuring alternative care therapy.

Farmer and Business Trade Show: If you are interested in having a booth at the trade show, contact Toni Stephan at (541) 548-6088 or toni.stephan@oregonstate.edu for more information.

The conference is sponsored by OSU Extension Service in partnership with Oregon Department of Agriculture, Deschutes County Soil and Water Conservation District, Deschutes County Weed and Vegetation Management, Natural Resource Conservation Service, Jefferson County Soil and Water Conservation District, Oregon Fish and Wildlife, Central Oregon Irrigation District, and Deschutes River Conservancy.

On-line Registration: <http://extension.oregonstate.edu/deschutes> (registration opens Jan 21, 2013).

Toni Stephan

Beef Cattle A.I. Course/Wednesday thru Friday, March 27-29, 2013

Time: 8:30 am—4:30 pm

Fee: TBA

Location: Douglas County Extension Office, 1134 SE Douglas, Roseburg, Oregon

This 3-day school is designed to enable the producer to effectively artificially inseminate cows. Anatomy, physiology, and nutrition as it pertains to efficient reproduction in cattle, equipment and supplies and technique for AI, including practice on cows, will be covered. Each morning, there will be an indoor class at the Roseburg Extension office, followed by an outdoor afternoon session at a local ranch. High school and college students are encouraged to seek sponsorship through your local Livestock Associations. All successful participants will be awarded an AI Certificate.

Please contact Shelby Filley at the Douglas County OSU Extension office at (541) 672-4461 or email to Shelby.filley@oregonstate.edu. A flyer will be posted soon @ <http://extension.oregonstate.edu/douglas/lf/ewtc>.

Shelby Filley, Douglas County Extension Service

Oregon Forage and Grassland Council Conference

The Oregon Forage and Grassland Council (OFGC) will be holding their 4th Annual Meeting and Conference on April 2nd, at the Linn County Fairgrounds, 3700 Knox Butte Road Albany, Oregon. Oregon has formed an affiliate council of the American Forage and Grassland Council. At press time, a couple of the agenda highlights include:

- “Grass to Beef: Forage Management for Optimizing Livestock Production”, John Andrae, Clemson University, South Carolina
- “Soil Test Interpretation and Lime Applications”, Don Horneck, OSU Extension Agronomist, Hermiston
- “Bring Your Soil Test” Workshop

For more information, contact: Chad Hale at (541) 401-0730 or Fax: (541) 451-7333, email: chad.wfr@comcast.net or keep checking the website http://oregonforage.org/Home_Page.html. Membership dues are \$35 for producers and \$350 for associate/corporate membership. Cost is \$?? and OFGC would appreciate a RSVP by Friday, March 29th, to help plan for lunch.

Mylen Bohle

Irrigated Pasture and Grazing Management Class

An Irrigated Pasture and Grazing Management class will be held from 6:00 pm to 9:00 pm on Wednesday, April 3rd, at the Central Oregon Irrigation District office, located at 1055 SW Lake Ct., Redmond, Oregon. The class will be a power point presentation concerning all aspects of pasture production and grazing animals properly on an irrigated pasture to optimize production. The class is for all levels of producer knowledge (which makes for even better discussion).

If there is interest, we will hold some irrigated pasture and grazing management sessions on-farm, throughout the spring and summer. Perhaps once a month, we would meet in the late afternoon / early evening and walk through an irrigated pasture and talk about what is happening with the plants (top growth and root growth), watch animals graze, check grazing height, hear the management goals of the producer, and evaluate the irrigation management.

OSU Extension Service and the Deschutes County Soil and Water Conservation District are sponsoring the class and on-farm class sessions. Class fee is \$10 (payable at the door). Please RSVP by April 1 to the Deschutes County SWCD office at (541) 923-2204 Ext. 132.

Tammy Harty and Mylen Bohle

PNW Certified Forage Testing Labs

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

Mylen Bohle

2011 Spring Wheat Variety Results

The Oregon Elite Wheat Trial yield, test weight, plant height, percent lodging, and protein percentage data for the spring wheat varieties tested at the COARC, Madras site in 2012 are located at http://cropandsoil.oregonstate.edu/wheat/state_performance_data.htm. Other sites yield and agronomic data can be accessed at <http://cropandsoil.oregonstate.edu/wheat/>. The data also includes the last 3 year averages and other trial sites around Oregon.

Rhonda Simmons, Mylen Bohle and Mike Flowers, et. al.

Wheat Marketing Meetings

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

Mylen Bohle

Winegrowers Association of Central Oregon (WACO) Meetings

Whether you are interested in wine or table grapes, everyone is welcome! Whether you have 5 grapes or 5,000 grapes, or just interested in growing grapes, everyone is welcome! Go to their web site at <http://www.centraloregonwine.com/> or contact Kerry Damon, President, at (541) 771-7817, to talk about membership, locations of the meetings, and educational events.

Mylen Bohle

Clover and Winter Grain 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 of the treatments worked on the Winter Grain mite). The insecticide that had excellent control of both mites is still not labeled yet, unfortunately. But...the company continues to work on a label (no promises though). They need more efficacy and residue data.

There are now three labeled insecticides to control Winter Grain Mites in grass pastures and hay fields.

One of the products, Brigade 2EC, we found that it does not kill the clover mites, but it seemed to “control” the clover mite from damaging the plants based on our visual evaluation (visual evaluation equaled the insecticide that controlled both mites). Brigade 2EC did Not kill the mites, but seemed to reduce the damage to the grass. Brigade 2EC and Brigade WSB are labeled now for use on grass pastures and hay fields.

The only tool we had for slowing down the Clover Mite was the use of fire in the late winter / early spring, and now “perhaps” Brigade 2EC and Brigade WSB. To my knowledge, this has not been tried on a field scale.

The following table shows you the weekly population dynamics of the clover mite and winter grain mite and the control that Brigade offered for both 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 for grass to a depth of 2 inches on weekly sampling dates at Lower Bridge, Jefferson County, OR in 2009

	<u>4/2</u>	<u>4/10</u>	<u>4/17</u>	<u>4/24</u>	<u>5/01</u>	<u>5/08</u>	<u>5/15</u>	<u>5/22*</u>	<u>5/29</u>	<u>6/5</u>
<u>Clover Mite</u>										
Untreated Check	247	118	84	175	99	47	81	--	21	0
Brigade 2EC	298	128	96	93	60	65	33	--	--	--
Brigade 2EC + Exponent 8L	292	145	186	145	52	38	66	--	63	2
<u>Winter Grain Mite</u>										
Untreated Check	11	12	9	11	0.3	0.1	0.6	--	0	0
<u>Brigade 2EC</u>	10	2	1	0	0	0	0	--	--	--
<u>Brigade 2EC + Exponent 8L</u>	11	1	1	0	0	0	0	--	0	0

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

“Good news: Late last year, EPA approved the full registration of bifenthrin (Bridage 2EC and Brigade WSB) on all grass crops grown in Idaho, Oregon, and Washington. So the use is no longer limited to just orchardgrass seed; the registration covers all species of grasses grown in the PNW for seed, forage, fodder, and hay, and in pastures and rangeland.”

“FMC Corporation has put these registered uses on federal supplemental labels for both Bridage 2EC and Brigade WSB. Unfortunately, the supplemental labels as approved were written as if the registrations were approved nationally, rather than limited to the PNW. Therefore, in order to provide adequate directions for the most common pests encountered in our area, the ODA and OSU (thank you Glenn Fisher and Joe DeFrancesco!) worked with FMC to develop FIFRA Section 2(ee) bulletins for our uses.” David L. Priebe, State Registration Specialist, Pesticides Program, Oregon Department of Agriculture.

Mylen Bohle

T-Sum Growing Degrees Update

The T-Sum (temperature summing) is calculated by determining the daily average temperature (adding the daily maximum and minimum temperature in degrees F and dividing by 2), 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 1st as a growing degree-day (gdd). One web site 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, then apply around 720 gdd’s. This strategy is based on C.O. field research (2 site years at Powell Butte and 2 site years at Madras).

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 gdd’s for pasture, if you want earlier forage, and around 720 gdd’s for grass hay.)

Continued on Page 5

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T-Sum Growing Degrees Update (GDD's using 32 degrees F base temperature as of March 4, 2013) / Table 1

Location/Elevation	Year	180 GDD's	Fertilize Pasture 360 GDD's	540 GDD's	Fertilize Grass Hay 720 GDD's	900 GDD's
Madras (2440')	2009	Feb 6	Mar 20	Apr 8	Apr 20	May 3
	2010	Jan 21	Feb 16	Mar 12	Mar 30	Apr 17
	2011	Jan 27	Feb 28	Mar 19	Apr 4	Apr 23
	2012	Jan 31	Mar 8	Mar 27	Apr 12	Apr 22
	2013	Feb 16	269			
Prineville 4 NW (2840')	2009	Feb 3	Mar 15	Apr 7	Apr 20	Apr 30
	2010	Jan 23	Feb 17	Mar 15	Apr 4	Apr 19
	2011	Feb 3	Mar 8	Mar 29	Apr 17	May 4
	2012	Jan 29	Mar 8	Mar 31	Apr 15	Apr 25
	2013	Feb 17	242			
Redmond (3077')	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	Mar 10	Apr 1	Apr 28	May 12
	2012	Feb 16	Mar 16	Apr 10	Apr 22	Apr 30
	2013	Feb 28	213			
Powell Butte (3180')	2009	Feb 3	Mar 15	Apr 7	Apr 21	May 6
	2010	Jan 20	Feb 16	Mar 15	Apr 6	Apr 26
	2011	Jan 27	Mar 2	Mar 28	Apr 16	May 5
	2012	Jan 29	Mar 8	Mar 28	Apr 16	Apr 24
	2013	Feb 4	316			
Bend (Agrimet) (3650')	2009	Feb 4	Mar 19	Apr 9	Apr 21	May 3
	2010	Jan 29	Feb 28	Mar 24	Apr 16	Apr 29
	2011	Jan 27	Mar 3	Mar 31	Apr 19	May 6
	2012	Feb 8	Mar 10	Apr 3	Apr 20	Apr 27
	2013	Feb 4	327			
Paulina (3688')	2009	Feb 25	Mar 31	Apr 23	May 3	May 15
	2010	Feb 13	Mar 17	Apr 15	Apr 27	May 13
	2011	Mar 9	Apr 2	Apr 27	May 12	May 22
	2012	Mar 8	Mar 29	Apr 16	Apr 24	May 5
	2013	132				
Christmas Valley (4360')	2009	Mar 1	Apr 8	Apr 23	May 12	May 21
	2010	Feb 12	Mar 28	Apr 23	May 13	May 25
	2011	Feb 14	Apr 1	May 4	May 18	Jun 3
	2012	Mar 11	Apr 9	Apr 23	May 6	May 16
	2013	117				
Fort Rock (raws) (4430')	2009	Feb 25	Apr 5	Apr 21	May 8	May 18
	2010	Feb 11	Mar 16	Apr 16	May 3	May 17
	2011	Feb 13	Apr 1	May 2	May 15	Jun 1
	2012	Mar 9	Apr 9	Apr 22	May 5	May 14
	2013	127				
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	Apr 11	May 9	May 23	Jun 6	Jun 15
	2012	Mar 29	Apr 20	Apr 30	May 14	May 23
	2013	32				

OSU Forage Livestock Research Endowment Update

Oregon State University Foundation is working on raising a \$1,000,000 Endowment. This process is a marathon and not a sprint. Goals of this level are reached through generous support from Alumni, Friends, Associates and Industry. To date there is over \$77,000 that has been raised for the principle of the Endowment with the annual expendable portions being used for forage and livestock research.

Over these beginning years, many donors have given to the endowment; but one grower has championed the cause. This generous donor has given >\$51,000 to the OSU Forage / Livestock Endowment over 5 years-time! This amazing support has provided slightly over 5% of the total goal. While we hope others might consider this level of giving to help the endowment grow to its achievable level, smaller levels of gifting are more than welcome.

We have a long way to go to reach our \$1 Million goal. We would like to find a way for this major commodity to work together, like others in the state, on supporting research in a major way. For an example of support, the Oregon Wheat Commission actively invests close to \$3 Million a year to the OSU Ag Experiment Station for cereal research. This support also makes an impact by helping keep the OSU's branch experiment station's doors open. This has been done by creatively assessing themselves 5 cents per bushel. This is a large amount from a large commodity, but they have spoken with their support and it has made a significant impact on their areas of interest.

There are two funds that assist in the Million Dollar Goal. Forage/Livestock Research Endowment Fund and The Byron C Scott Grass Seed and Forage Endowment Fund (\$100,000), which half the proceeds goes for grass seed research and half for forage research from this Fund. Twice a year funding decisions are made by OSU Crop, Animal, and Range Science Dept Heads, along with a retired Extension Forage/Livestock Agent and an East-Central Oregon Rancher.

Projects funded by the Forage-Livestock Endowment Fund Review Committee over the years:

- \$3004 "Measuring ammonia volatilization loss from urea-based fertilizer sources in western Oregon pastures" (2013) – Nicole Anderson, Gene Pirelli
- \$3000 "Development of the ultimate forage barley adapted to the Pacific Northwest" (2012) Cuesta-Marcos and Pat Hayes
- \$2000 "Organic Alfalfa Fertility Trial" (2012) Mylen Bohle, Justin Ferrell, Pete Schreder, Leon Baker, Leroy Horton, Don Horneck, Dan Sullivan, and David Hannaway
- \$3000 "Optimizing Pasture Irrigation in Western Oregon" (2012) Amy Peters and Troy Downing
- \$500 "Forage Calendar for Common Range Forages on the Warm Springs Reservation" Fara Brummer
- \$1800 "Lime rate and soil pH change for coastal forage production " John Hart, Amy Peters, Troy Downing, Sam Angima
- \$2,310 "Simulated Management-intensive Grazing Effect on the Quality of Winter Wheat, Triticale, Barley, and Oat Pasture" Mylen Bohle
- \$2,000 "Improving Calf Performance, Carcass Characteristics, and Ranch Profitability by Extending the Grazing Season with Warm Season Grasses and Brassica Forages" Shelby Filley, Janice Hunter, David Hannaway, Landon Gryczkowski, Randy Mills, Gene Pirelli
- \$1,000 "Hare Barley (*Hordeum murinum* ssp. *leporinum*) Management in Pastures" Andy Hulting, Gene Pirelli, Jessica Haavisto, and Dan Curtis
- \$3030 "Winter Triticale, Wheat, Oat and Barley Forage Nutrient Concentration and Uptake Effect on Livestock Nutrition and Long Term Economic Sustainability" Mylen Bohle
- \$660 "Sodium Selenate as a Selenium Fertilizer Source in Oregon Pastures" Gene Pirelli

We need more producers to help us grow the endowment. Dollars for forage research are needed to solve production problems, improve production, and enhance profitability for forage and livestock producers. If you would like to learn more on how to invest in the endowment, contact Jack Holpuch, OSU Foundation at jack.holpuch@oregonstate.edu or call 541-737-9636. (*Information sourced from Russ Karow, OSU Crop and Soil Science Dept Head, and Jack Holpuch, OSU Foundation.*)

Mylen Bohle and Jack Holpuch

Cover Crops

A. Interested in learning more about cover crops?

Managing Cover Crops Profitably (2007 edition) explores how and why cover crops work, and provides all the information needed to build cover crops into any farming operation. Along with detailed management information on the most commonly used species—including grasses, grains, brassicas and mustards, and legumes—*Managing Cover Crops Profitably* offers chapters on the role of cover crops in broader topics such as crop rotations, pests and conservation tillage. It also has appendices on seed suppliers and regional experts, 244 pages and published in 2007, the online version is free. Following is a link <http://www.sare.org/> once on the home page, click on the learning center and it will take you to the following link:

<http://www.sare.org/Learning-Center/Books/Managing-Cover-Crops-Profitably-3rd-Edition/Text-Version>

B. Why use cover crops in vegetable rotations?

Vegetable production involves many practices that compromise soil health, and therefore limit productivity. New York soils are less forgiving of such practices than many other regions. Therefore, leading vegetable growers want to overcome this barrier to success with practices that maintain soil health. Some of the management goals for which farmers use cover crops include:

- ✓ Suppressing weeds
- ✓ Protecting soil from rain or runoff
- ✓ Improving soil aggregate stability
- ✓ Reducing surface crusting
- ✓ Adding active organic matter to soil
- ✓ Breaking hardpan
- ✓ Fixing nitrogen

This Cornell website is part of a project that enables growers to use a broader range of cover crops to improve soil health by biological means. It will complement the chemical (fungicide) and physical (tillage) methods that are being developed by our colleagues. It will also take advantage of the Cornell Soil Health Team's new diagnostic tool for determining which aspects of soil health need improvement. Our goal is to provide a key component of an integrated management recommendation for growers. <http://www.hort.cornell.edu/bjorkman/lab/covercrops/>

C. Other sites to get you started checking out cover crops:

Cover Crop Topic Room from Western SARE —

<http://www.sare.org/Learning-Center/Topic-Rooms/Cover-Crop-Topic-Room>

Midwest Cover Crops Council —

<http://www.mccc.msu.edu/>

USDA List of Cover Crops —

<http://plants.usda.gov/java/coverCrops>

Myleen Bohle

Good Agricultural Practices (GAP) & Good Handling Practices (GHP) Certification Program (Free!)

Wednesday, April 3, 5:30-9:30 pm, USDA Service Center, 625 SE Salmon Ave., Redmond, OR

Good Agricultural Practices (GAP) and Good Handling Practices (GHP) is a *voluntary* certification program that focuses on the best agricultural practices to verify that products are produced, packed, handled, and stored in the safest manner possible to minimize risks.

Why is this Important? This certification process can reduce the risk for producers and increase on-farm food safety procedures and improve market access. Please RSVP by April 1st to Katrina Van Dis at (541) 504-3307 or email kvandis@coic.org. Dinner will be provided.

Katrina Van Dis/COIC

Calendar 2013

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

March

- 12 Oregon Hay and Forage Association Annual Meeting. Central Point, Oregon.
- 14,19,21 Beginning Beekeeping Classes, Salem. www.orsba.org.
- 16 Crook County Stockgrowers Banquet. See article front page.
- 16 Living on a Few Acres Expo. See article page 2.
- 17 Spring Sheep Producer's Workshop/Managing a Healthy Pasture. See article front page.
- 27-29 Beef Cattle A.I. Course. See article page 2.

April

- 2 Oregon Forage and Grassland Council Conference. See article page 3.
- 3 Irrigated Pasture and Grazing Management Class. See article page 3.
- 3 Food Safety Workshop, OSU Extension Service, Redmond, Oregon. FREE 4 hour workshop with the Oregon Dept. of Ag to assist producers with understanding and moving forward with a certified Good Ag Practices (GAP) and Good Handling Practices (GHP). RSVP by April 1 to kvandis@coic.org or call (541) 504-3307. Dinner is included. See article page 7.
- 13 Spring Sheep Producer's Workshop/Sheep Dairy Tour & Managing Sheep Parasites. See article front page.
- 19 Art About Agriculture 2013/Bounty and Community— Beginning with Food and Agriculture
6:00 pm - 8:00 pm, LaSells Stewart Center, Corvallis, Oregon. Free

We Really Need Your Email Address! Call 541-548-6088

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