Living on a Few Acres Conference

...maybe a little less, maybe a little more

Saturday, March 9, 2019 8:00 am– 5:00 pm
Deschutes County Fair & Expo Center
Middle and South Sister Buildings
Redmond, Oregon

Many classes offered including:

- Enhancing wildlife habitat
- Marketing tips
- Raising chickens
- Managing disturbed ground
- Hay/Pasture production
- Using herbs for flavor
- Irrigation and water rights
- Equine Nutrition
- Hoop houses
- Cover crops
- Farm dogs
- Fire season preparation
- Tractor maintenance/safety
- Tractor obstacle course
- Raising meat animals
- Raising sheep and goats
- Cascadia Subduction Zone
- Farm Planning
- Irrigation District Panel

Early registration deadline — March 3rd - $50.00 per person
$60.00 per person at the door
For more information or to register, go to
http://extension.oregonstate.edu/deschutes or call (541) 548-6088

Oregon State University Extension Service

Living on a Few Acres Conference is presented by the Oregon State University Extension Service. Collaborating partners include: Deschutes Soil and Water Conservation District, Deschutes River Conservancy, Central Oregon Irrigation District, Central Oregon Seed Exchange, and High Desert Food and Farm Alliance.

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## 2019 Living on a Few Acres Conference
### Class schedule

**Select 1 class from each block - Attend a total of 4 classes for the day**

<table>
<thead>
<tr>
<th>Block A</th>
<th>Block B</th>
<th>Lunch</th>
<th>Block C</th>
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<tbody>
<tr>
<td>8:30-10:00 am</td>
<td>10:30-Noon</td>
<td>Noon-1:15pm</td>
<td>1:15-2:45pm</td>
<td>3:15-4:45 pm</td>
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<td></td>
<td>A4: Cheatgrass to Bunchgrass - Dryland Restoration following Disturbance</td>
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<td>C4: All this Talk about Cover Crops</td>
<td>D4: A Good Farm Dog will Earn Its Keep</td>
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<td>A5: Together We Can: Preparing for the Cascadia Event</td>
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<td>C5: Experience is a Great Teacher, Come, Learn from the Voice of Experience</td>
<td>D5: Marketing Panel</td>
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<td>A6: Enhancing Wildlife Habitat on Your Property</td>
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<td>C6: Demonstrations</td>
<td>D6: Tractor Driving Skills Obstacle Course Competition</td>
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<td>♦ Vacuum sealing for food preservation</td>
<td>*This class will be held outdoors, please dress for the weather.</td>
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<td>♦ Seed starting</td>
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<td>♦ Chicken care</td>
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<td>C7: Tractor Safety, Maintenance, and Driving Tips</td>
<td>*This class will be held outdoors, please dress for the weather.</td>
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**BLOCK A**

8:30-10:00 am

**A1: Got a Plan?** It is essential for landowners to understand that what they do on their land affects the natural resource and surrounding neighbors. In this class you will be able to develop a conservation plan that will meet your goals and objectives on your farm. Learn about various tools and techniques that will help you inventory your property, know about state and local regulations that may affect your farming operation and understand some of the basic economics that will make your dream a reality. This class is an essential foundation to many other classes presented at LOAFA. **Speaker:** Todd Peplin, Technician/Planner DSWCD

**A2: Raising Chickens for Eggs and Meat in the High Desert** This class will cover all aspects of chicken husbandry. Students will learn about breed selection, success with baby chicks, feed and supplements, production models, marketing and a quick tour of the rules and regulations in Oregon. Class will cover both laying hens and broilers. **Speakers:** Justice and Anita Hoffman, Great American Egg

**A3: Hay Production in Central Oregon** The course will cover growing hay, putting up hay and quality of hay. This will be an informal session that will focus on answering clientele questions. There will be some handouts to take home. **Speakers:** Mylen Bohle, OSU Extension Agronomist and Greg Mohnen, Manager, McGinnis Ranch

**A4: Cheatgrass to Bunchgrass—Dryland Renovation following Disturbance** Your once pristine high desert property was disturbed, whether it be by vehicle traffic, development activity, or a bit too much grazing, and now it is infested with cheatgrass or other noxious weeds. How do you get rid of those pesky undesirable plants and restore your property to a more natural or productive condition? This course will provide some tips on noxious weed control and how to restore non irrigated areas on your property, using an integrated approach, including site assessment, weed control methods, seeding considerations, maintenance, timing considerations and resources to ensure success. **Speaker:** Ed Keith, Deschutes County Noxious Weed Program

**A5: Together We Can: Preparing for the Cascadia Event** Science has shown us that a rip at the Cascadia Subduction Zone will produce an earthquake the size and magnitude that we have not experienced in our region for over 300 years. This absence of personal knowledge about past subduction earthquakes, along with the general lack of large earthquakes in our region results in hesitation in accepting this science. This program lays out the scientific facts in an easy to understand manner, provides tips for surviving the event, shares preparation and mitigation ideas, and shares resources for further information and additional trainings to help you prepare yourself, your family and your business/farm/personal finances for this impending disaster. **Speaker:** Lynette Black, OSU Extension 4-H Youth Development/EDEN Delegate

**A6: Enhancing Wildlife Habitat on Your Property** Regardless of your land management objectives or the size of your property, you can take steps to increase the diversity of wildlife that pass through or choose to reside there without sacrificing productivity. This class will start with basic wildlife ecology concepts. We will then show you how to assess your property for habitat suitability, as seen through the eyes of wildlife, as well as some fun techniques to monitor the wildlife that may move through, or live on your property. You will also take home options of what you can do to not only attract wildlife to your property, but how to accomplish your other management goals, such as removing invasive species, in a way that minimizes risk to wildlife. **Speaker:** Nicole Strong, Extension Forester, Central Oregon

**BLOCK B**

10:30-Noon

**B1: Water Rights and Supply Updates** We will be covering: the basics of Water Rights, water wells and irrigation district water rights; hydrology of the Deschutes and Crooked Rivers; current events in water - including a water supply forecast; beneficial use of water and instream leasing; Deschutes River Conservancy accomplishments and ongoing studies. Open format class, questions are welcome. Handouts. **Speakers:** Kyle Gorman, Region Manager for the South Central Region and Gen Hubert, DRC

**B2: Things Ewe Need to Know - Basics of Sheep and Goat Production** The class will be a discussion of the basics of small ruminant production. Basic selection, nutrition, health and general management of a flock or herd. Emphasis will be placed on class participation. **Speaker:** John Fine, producer

**B3: Add a Little Spice (and Herbs) to Your Life!** Explore the wonderful world of herbs and spices. Discover new ways to use them in cooking and as alternatives for salt. Drying and grinding your own herbs will save you time and money. **$5 lab fee required.** **Speaker:** Patricia Hornbeck, OSU Extension Master Food Preserver

**B4: No class**

**B5: Hoop house - They say I need one to Grow Vegetables!** Have you heard people talk about the necessity of "high tunnels" or "hoop houses" to extend the growing season in our...
high desert climate, and wanted to find out more? Come learn from a successful local farmer, who will highlight the basic essentials of using hoop houses for vegetable production in central Oregon. Questions answered will include: what is a hoop house and what different kinds exist? What factors about my property and strength of construction do I need to consider before putting one up? What crops should I consider growing in a hoop house? When can I start planting in a hoop house, and how long can I extend the season? How do I manipulate temperature in a hoop house with venting or extra insulation? Whether you are considering season extension for personal use, or exploring a small farm enterprise, this class will introduce you to best management practices for hoop house production. **Speakers:** Audrey Tehan and Aude Girin, local producers

### B6: Get Ready for Fire Season

Are you ready for fire season? Just like ample sunshine and views of the Cascades, fire is a natural part of our central Oregon ecosystems. In this class we will describe the different ways our ecosystems have adapted to, and actually depend on fire. Based on this, we will discuss tips and techniques for making your home and property safely defensible and resistant to wildfires. You will come out of class with a list of things you can do to make sure you, your family, your livestock, and property are all ready for whatever this year’s fire season brings. **Speaker:** Nicole Strong, Extension Forester, Central Oregon

### C2: Equine Nutrition

Join us for this informative and interactive class on equine nutrition. This class is for beginning to intermediate horse owners who wish to learn more about the six essential nutrients for horses, tips for buying quality hay for feeding horses, and the nutritional differences between grass hay and alfalfa hay. Participants will also learn about laminitis (founder), how to body condition score your horse in order to tell if they are overweight and information on low carb hay and why it is so popular with horse owners. **Speaker:** Scott Duggan, OSU Extension Livestock Agent

### C3: Pasture and Grazing Management

The course will cover all topics of pasture and grazing management. Topics will include planting, forage species, soil fertility, fertilizing, pests of pasture, grazing heights, plant response to clipping height, layout of pastures, etc. Bring your questions. There will be handouts to take home. **Speaker:** Mylen Bohle, Area Extension Agronomist

### C4: All this Talk about Cover Crops

Talk of cover crops has been steadily increasing in recent years, especially the application of these principles can be complicated especially if you have a flood or basic irrigation system. This course is designed to provide flood and sprinkler irrigators with basic irrigation water management (IWM) techniques that can save and use irrigation water more efficiently and effectively. Participants will be introduced to irrigation water controlling techniques, how to get the most from your flood system, techniques to assess your irrigation sprinkler system and be able to develop an operation and maintenance schedule. The course is for landowners that are new to irrigation or have little knowledge of using or managing irrigation water. **Speaker:** Todd Peplin, Technician/Planner DSWCD

### C5: Experience is a Great Teacher, Come, Learn from the Voice of Experience

In this class, Dan will address attendee weed issues based on his experiences in treating similar issues through his years of work. Not only will he let you know how to treat weed issues but Dan will address how to read a label, use of the correct chemical for the problem and the best time to address specific weed issues. He will also discuss safety precautions for chemical use. Dan will answer questions from the audience, so bring your weed control questions to him for expert advice. **Speaker:** Dan Sherwin, Retired Deschutes County Weed Master
C7: Tractor Safety, Maintenance, and Driving Tips  This class will go over basic safety and maintenance of a small tractor. Participants will practice driving and changing implements of tractors appropriate for small acreage. You must attend this tractor safety course or have approval from Frank Platt to participate in the obstacle course competition next session. *This class will be held outdoors - please dress for the weather. Speaker: Kerwin West, Midstate Power Products and Kubota

D3: Reducing Power and Water Use with Pivots and Linears The course will cover converting MESA pivot and linear systems to LESA, LEPA and PMID systems. Early surveys have shown an average of 18% water and power use reduction. In some cases where water is short, there have been dramatic yield increases using the same amount of water, but in a more efficient way. We will also talk about grower experiences and cost share programs to help defray conversion costs. Speaker: Mylen Bohle, Area Extension Agronomist

D4: A Good Farm Dog will Earn Its Keep So, you think you need a good dog but you’re not sure which kind would be a good choice. In this class Fred will talk about how dogs can assist in livestock protection, herding, rodent control, hunting and other activities. He will share the history of dogs and how they can do what they do for us. Speaker: Fred Olson, President of Pals with Paws

D5: Marketing Panel What sales avenue is best fit for your farming/livestock business? Learn all about different ways to sell your products and options for end customers. Find out what it takes to sell to restaurants. Is selling direct to community members at a farmers market a good fit? Hear from our panel full of knowledge and expertise: farmers market manager, Central Oregon Locavore retail store, local food distributor Agricultural Connections, and cutting edge food app Food4All. Panelists: Elizabeth Weigand, Agricultural Connections Kami Semick, Food4All James Gray, Central Oregon Locavore Rachel Kelleher, Sisters Farmers Market

Moderator: Jess Weiland, High Desert Food and Farm Alliance
Living on a Few Acres - 2019 Conference Registration
Saturday, March 9, 2019 ~ Check in 8:00am, Classes 8:30am – 5:00pm
Deschutes County Fair & Expo Center, Middle & South Sister Buildings
3800 SW Airport Way, Redmond, OR 97756

To register online: http://extension.oregonstate.edu/deschutes/

Name: ________________________________ Mailing Address: ____________________________________
City: _______________ ZIP: ___________ County: ____________ Phone: _____________________
Email: ________________________________________________

Class Selection (list first 2 choices—class size is limited)

Block A: 1st: __________________ 2nd: __________________
Block B: 1st: __________________ 2nd: __________________
Block C: 1st: __________________ 2nd: __________________
Block D: 1st: __________________ 2nd: __________________

All day registration:
_____ $50.00/person - by March 3, 2019, includes lunch
_____ or $60.00/person - late registration March 4, 2019 and later, no lunch available
_____ $5.00 lab fee for herb class
$ _____ Total

(OR) Individual Class Registration:
_____ Number of classes @ $15.00/class
_____ Lunch $20.00/person – if registered by March 3rd, 2019. No lunch orders after deadline.
_____ $5.00 lab fee herb class
$ _____ Total

_____ Yes, please send me the Central Oregon Agriculture newsletter, a free bi-monthly publication produced by the Central Oregon/OSU Extension Service offices. I would like this by (check one) email _____ or mail _____.

Please include payment of cash or check. Make checks payable to: OSU Extension Service

All registrations are final. No refunds.

Mail registration & payment to: OSU/Deschutes County Extension Service
Attention: LOAFA Conference
3800 SW Airport Way, Bldg. 4, Redmond, OR 97756
For more information, call (541) 548-6088

Oregon State University Extension Service
Accommodation requests related to a disability should be made by February 22nd to Carrie Sether at (541) 548-6088 or carrie.sether@oregonstate.edu.

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