An exciting and information-packed program is on tap for this year’s Columbia Basin Cereal Seminar and Sustainable Ag Forum slated for December 14th. This new combined effort by OSU Extension, Umatilla County SWCD and the Columbia RC&D will bring a wide array of researchers, specialists and growers together for a one day seminar and forum at the OSU Conference Room in Pendleton. The event will cover current topics of interests to growers, crop consultants, and anyone interested in agriculture in the area. Speakers will come from across Oregon and Washington to present new information on timely topics impacting dryland agriculture in particular.

Topics will focus on new technology such as on-combine protein sensing, variable rate applications, light activated weed sensing that allow growers to take a high tech approach to farming in the region. We also will have different examples of the equipment available to be viewed during the lunch break at the BMCC Ag Complex. We will be getting updates from Pendleton Grain Growers senior management, Oregon Wheat Growers League executive team and OSU Cereal Breeding Program by Steve Petrie.

Three afternoon breakout sessions will focus on specific topics: Beneficial and Pest Insects, Mary Corp; Today’s Farming Issues, Tomorrow’s Solutions, Heidi Hartman; and Marketing and Value Added, Kathy Ferge. Participants can choose their topic or move from one session to another as their specific interests direct them. The sessions will be informal and allow time for interaction between researchers, and growers. See the enclosed agenda for details about topics and speakers.

A highlight of the seminar will be presentations by growers currently using variable rate technology in their farming operations. Jim Williams of Helix and Chris Rauch of Ione are no strangers to these newer technologies and are willing to share their experiences with other growers. I have heard them present information before and know they will give the straight scoop about how they are making these applicators work on their farms. Tracy Eriksen, a grower from St. Johns, WA, will also speak about direct seeding into CRP ground.

Pesticide recertification credits for Oregon and Washington are anticipated. Certified crop advisor credits (7.5). Please check www.cerealcentral.com for an updated agenda with more credit information as we get closer to the event.

Pre-registration is appreciated so that we can make plans to accommodate everyone and make sure we have enough donuts and lunch. The registration fee ($10) is payable at the door.
Columbia Basin Cereal Seminar & Sustainable Ag Forum

Presenting new information and key updates to allow dryland production producers in the Columbia Basin to integrate the latest in sustainable practices into their farming operations......

Pesticide Recertification Credits (Oregon & Washington) anticipated – 5 credits
Certified Crop Advisor Credits – 7.5 credits

December 14, 2010  8:00 am – 4:30 pm
OSU Conference Room, BMCC Umatilla Hall, Pendleton, Oregon

PRE -REGISTRATION PREFERRED. PLEASE VISIT: www.umatillacountyswcd.com OR CALL : 541-276-8131

7:30 am  Coffee, Donuts, & Registration

Opening Session: Conference Room

8:00  Introductions & Welcome: Mary, Heidi, & Kathy
8:15  On-Combine Protein Monitoring, Dan Long, USDA ARS, Pendleton
8:35  Two Pass Fallow System – Where does it fit? Stewart Wuest , USDA ARS, Pendleton
9:00  Stripe Rust Impacts on Wheat, Chris Mundt, OSU, Corvallis
9:30  Reducing Overspray, and Improving Application Efficacy with Variable Rate Applications, Jim Williams, Adams & Chris Rauch, Ione
10:15  Break
10:30  Using Precision Application Technology in Weed Control, Dan Ball, OSU, Pendleton
11:00  Conservation Reserve Program Update, Jay Gibbs, USDA NRCS, Heppner
11:15  Adoption of Direct Seeding: Comparative Analysis of Two Oregon Counties, Penny Diebel, OSU, Corvallis
11:35  Long-term Marketing Update, Senior Management Rep., Pendleton Grain Growers
11:45  OWGL update, Craig Reeder and OSU Wheat Program update, Steve Petrie
12:00  Lunch, BMCC Ag Complex Shop
1:00 – 1:30  Precision Application Equipment –Ask the Experts, BMCC Ag Complex
   Dan Ball, Dan Long, & Dennis Moffit, RDO Equipment
### Afternoon Breakout Sessions

**Track One: Beneficial and Pest Insects, Mary Corp, Session Chair**

Location: OSU Conference Room

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>1:30</td>
<td>Insect Identification, Mary Corp</td>
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<tr>
<td>2:00</td>
<td>Nematodes and their Impacts on Wheat, Dick Smiley</td>
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<tr>
<td>2:30</td>
<td>Wheat Head Armyworm – Identification and Scouting, Mary Corp</td>
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<td>3:00</td>
<td>Break</td>
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<tr>
<td>3:15</td>
<td>Hessian Fly, Control Strategies, Steve Petrie</td>
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<td>3:45</td>
<td>New Biological Controls - Field Bindweed Mite, Dan Durfey</td>
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<td>4:15</td>
<td>Questions &amp; Answers – all presenters</td>
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**Track Two: Today’s Farming Issues, Tomorrow’s Solutions, Heidi Hartman, Session Chair**

Location: Umatilla Hall Room 11 – a 10 minute Q & A will follow each presenter

<table>
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<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>1:30</td>
<td>Direct Seeding Following CRP, Tracy Eriksen, grower, St. John, WA</td>
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<tr>
<td>2:10</td>
<td>Dryland Agriculture’s Impact on Soil Carbon Sequestration, Dave Huggins, ARS, Pullman</td>
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<tr>
<td>2:50</td>
<td>Break</td>
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<tr>
<td>3:00</td>
<td>CRP Take-out: Benefit from the Years in Grass, Ann Kennedy, WSU, Pullman</td>
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<tr>
<td>3:40</td>
<td>Oilseed Update, Don Wysocki, OSU, Pendleton</td>
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**Track Three: Marketing and Value Added, Kathy Ferge, Session Chair**

Location: Umatilla Hall Room 15

1:30 – 4:30 Information on both traditional grain marketing venues and new opportunities, such as organic.

Seminar funding provided in part by the Oregon Watershed Enhancement Board