

November 2009

Winter Meeting Schedule	1
Jensen Farms Strip Till A Success	1
Malheur County Wheat Growers Meeting	2
High Residue Farming Under Irrigation	3-4
OSU—Insect Identification, Train the Trainer	5-7
Core Pesticide Training	8

2008 Upcoming Meetings

November 10	6 PM	Malheur Wheat Growers Meeting Fiesta Guadalajara, Ontario (see page 2)
December 2	8:30 to 4:15	High Residue Farming Under Irrigation Workshop, Moses Lake, WA (see page 3-4)
December 8	8 AM	Pesticide Core Training, Extension (see page 8)
January 14	8:30 to 3:00	ID/OR Alfalfa Seed Growers Assn Winter meeting, Caldwell Elks, Caldwell, ID

Jensen Farms Strip Till A Success

Kenneth Jensen attended the High Residue Farming Under Irrigation work-shop in 2007 and 2008. Kenneth made the decision to switch sprinkler irrigated corn to strip tillage with the main purpose to save time, fuel and expenses that the tillage had been doing previously. Kenneth went the extra mile to determine if strip tillage yielded as well as his previous system. Yield data below proves that in 2009, strip tillage yields matched his conventional program. Kenneth eliminated several operations in his wheat-corn rotation including: two offset diskings, ground hog, dammer-diker and fertilizer spreading, with one strip till operation which shanked in liquid fertilizer. Kenneth Jensen said he would be happy to visit with you about his success (cell phone number is (541) 881-9247. This year's workshop is coming up and information is in this newsletter (pages 3-4). If you are interested in going to Moses Lake, WA, to the "High Residue Farming Under Irrigation" workshop, I have received an Oregon DEQ grant which will allow me to reimburse most, if not all, of your expenses. Please let me know if you're interested as we can carpool.

Date Corn Harvested	Center Pivot 1 9/29/09		Center Pivot 2 10/8/09		Center Pivot 3 10/26/09		Avg. for 3 Pivots	
	Strip till	Conv.	Strip till	Conv.	Strip till	Conv.	Strip till	Conv.
Yield @ 15% lbs	13857	13716	13926	14261	15248	15329		
bu/acre @ 15 %	247.4	244.9	248.7	254.7	272.3	273.7	256.1	257.8
tons/acre @ 15%	6.93	6.86	6.96	7.13	7.62	7.66	7.17	7.22
Harvest moisture %	27	23.6	30.3	27.6	25.73	25.94	27.68	25.71

For More Information:

Contact Steve Norberg, Field Crops and Watershed Management
Phone: 541-881-1417

**OREGON
WHEAT**

"Serving Oregon's Wheat Producers since 1926"

OSU
Oregon State
UNIVERSITY

Malheur
County
Extension

Malheur County Wheat Growers Meeting

Dinner Meeting

Tuesday, November 10th

6:00 pm Social

6:30 pm Meeting

at Fiesta Guadalajara, 336 S. Oregon St., Ontario

- . 2009 Oregon Legislature Impact on Ag**
 - Paulette Pyle, Oregonians for Food and Shelter**

- . Oregon's Biodiesel Mandate-
Challenges to Local Suppliers and Users**
 - Ralph Poole, President of Poole Oil**

- . Research Update on Wheat**
 - Brad Brown, Univ. of Idaho, Parma R &E Center**

- . Oregon Wheat Growers League Update**

RSVP's Required by Monday, November 9, For Dinner.

Spouses Welcome

Please call the Malheur County Extension Office

541-881-1417

High Residue Farming

Under Irrigation

2009 WORKSHOP

Wednesday, December 2
Moses Lake, Washington
Room 1870, ATEC Building
Big Bend Community College

High Residue Farming
Cuts fuel costs
Improves soils
Reduces irrigation costs

Come find out how...

Workshop topics:

- *Grower panel: strip-till, no-till corn and wheat*
- *Soil compaction and controlled traffic*
- *No-till drills*
- *Demo project results*
- *Organic no-till*

- 5 CCA Credits -

WASHINGTON STATE UNIVERSITY
GRANT/ADAMS COUNTY EXTENSION

Workshop Program

- 8:30 a.m. Registration
- 9:00 *Workshop Opening and Introduction to High Residue Farming Resources*
Andy McGuire, WSU Extension
- 9:15 *Soil Compaction and High Residue Farming*
Randall Reeder, Ohio State University, Columbus
- 10:15 Break
- 10:30 *Soil-Air-Water-Residue Interactions in HRF Planting* Andy McGuire
- 11:15 *Considerations in Choosing a No-till Drill* Dennis Roe, WSU, Pullman
- Noon Lunch
- 1:00 pm *Opportunities for Organic No-till Vegetables*
Doug Collins, WSU, Puyallup
- 1:30 *Worst Case Scenario: Results of the HRF Demo Project* Andy McGuire
- 2:00 Break
- 2:15 *Getting Into Controlled Traffic*
Randall Reeder
- 3:00 *Grower panel:*
Dave Gosset – Observations from the HRF Demo Project
Lorin Grigg – Strip-tilled sweet corn and onions
Tom Gregg – Strip-tilled corn
- 3:55 Q and A session for all speakers
- 4:15 Workshop ends

WASHINGTON STATE UNIVERSITY
GRANT/ADAMS COUNTY EXTENSION

PO Box 37
Ephrata WA 98823

Benefits of High Residue Farming

- Saves fuel**
Save an average 3.5 gallons an acre (US ave.)
- Reduces labor, saves time**
As little as one trip for planting compared to two or more tillage operations means fewer hours on a tractor and fewer labor hours to pay ... or ability to farm more acres.
- Reduces machinery wear**
Fewer trips save an estimated \$5 per acre or more on machinery wear and maintenance costs.
- Reduced water use**
Crop residues shade the soil, reducing water evaporation. In addition, residue slows runoff and increases the opportunity for water to soak into the soil.
- Increases organic matter**
The latest research shows the more soil is tilled, the more carbon is released to the air and the less carbon is available to build organic matter for future crops.
- Reduces soil erosion**
Crop residues on the soil surface reduce erosion by wind and water.
- Improves air quality**
Crop residue left on the surface reduces the amount of dust in the air, reduces fossil fuel emissions from tractors by making fewer trips across the field, and reduces the release of carbon dioxide into the atmosphere by tying up more carbon in organic matter.

Workshop Directions:

From South: take Hwy 17 through Moses Lake. On North side of town, take a right on Patton Blvd. Follow Patton towards Grant Co. Airport. Turn left on Bolling St. and continue to parking at ATEC.

From East and West: Take exit 179 off of I-90 and turn North on Hwy 17. Follow directions above for travelers approaching from the South.

Workshop sponsors:

- WSU Extension, Grant-Adams Area
- WSU Columbia Plateau Wind Erosion/Air Quality Project
- WSU Center for Sustaining Ag and Natural Resources

Contact

Andy McGuire, amcguire@wsu.edu,

509-754-2011 ext. 413



Registration Form

Please register as early as possible.
High Residue Farming under Irrigation
Fee before Nov. 25: \$25 per person
Nov. 25 and after: \$35 per person
Includes lunch and refreshments.

**Make checks payable to
Washington State University**

Please Type or Print

Check here if you want to be added to our high residue farming mailing list.

Send registration form and check to:

WSU Extension
High Residue Farming Under Irrigation
PO Box 37
Ephrata, WA 98823

Receipts available the day of the workshop.
Refunds cannot be given after Nov. 25.

Name(s)

Business/Organization

Mailing Address

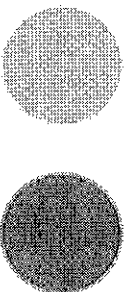
City

State

ZIP

Phone

Email





Extension Service

OSU Insect Identification Train-the-Trainer Short Course



A 20-hour short course designed to train University Extension field faculty, Extension Master Gardeners, agency professionals, and crop consultants on identification of insects—both beneficial and pest. The training will include many hands-on aspects, such as collecting, mounting, and identifying insects, using a stereo microscope and insect key. Training will also include insect management and creation of an educational display.

- Enrollment is limited to 20 individuals at each site.
- There is no charge for the course. All handouts, materials, equipment and supplies will be furnished.
- A community service project related to insect identification is expected of each participant (10 hours minimum).

Three locations:

Hermiston Agricultural Research & Extension Center
May 3-5, 2010, Hermiston, Oregon

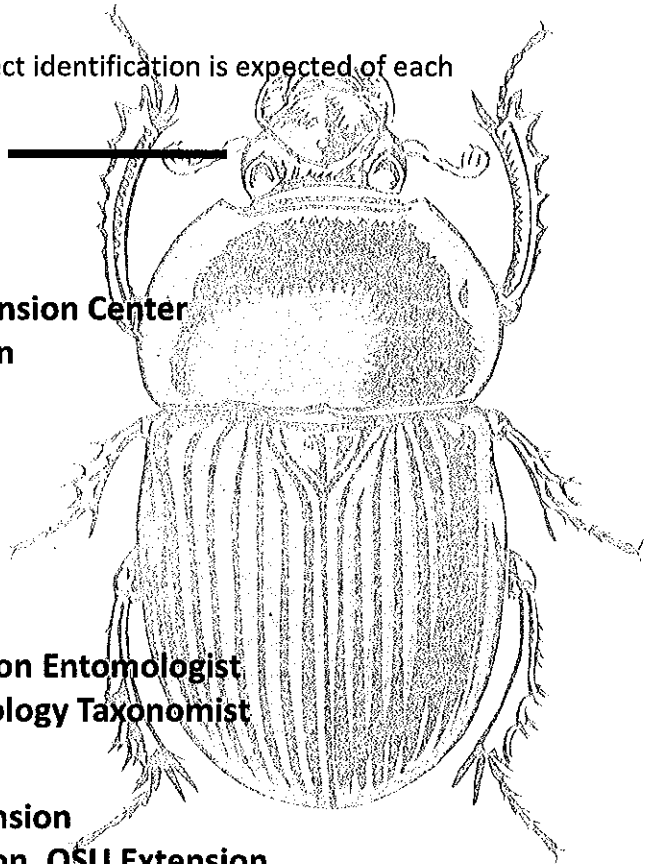
OSU Extension Office
May 6-8, 2010, Ontario, Oregon

WSU Extension Office
June 2-4, 2010, Colfax, WA

Instructors: Silvia Rondon, OSU Extension Entomologist
Chris Marshal, OSU Entomology Taxonomist

Facilitators: Mary Corp, OSU Extension
Steve Van Vleet, WSU Extension
Steve Norberg & Lynn Jenson, OSU Extension

If interested contact OSU Extension Service for an application packet
PH: 541-278-5403 Email: mary.corp@oregonstate.edu



Funding for this course was provided in part by WSARE.



APPLICATION FOR

OSU Insect Identification Train-the-Trainer Short Course



Please print:

Name _____

Address _____

City _____ State _____ Zip _____

Phone # (Home) _____ (Work) _____

E-mail address _____

Send application to: **Umatilla County Extension Service
PO Box 100 Umatilla Hall
Pendleton, OR 97801**

Application Deadline:

Questions: Mary Corp 541-278-5403 or Silvia Rondon 541-567-8321

This project was funded in part by a grant from the Western Sustainable Agriculture Research and Education Program.

Please answer all questions briefly

1. List any formal training or education you have in the area of insects.

2. Are you currently employed in the agricultural industry? If yes, what is your position?

3. Do you currently belong to any Master Gardener Associations, garden club, affiliations, or ag-professional related groups?

4. Describe an area of insect expertise you can share with others. At what level (1-5) would you rate your expertise with 5 being the highest?

5. How did you learn about the OSU Beneficial & Pest Insect Identification Short Course?

6. How many years of gardening/agricultural experience do you have? _____

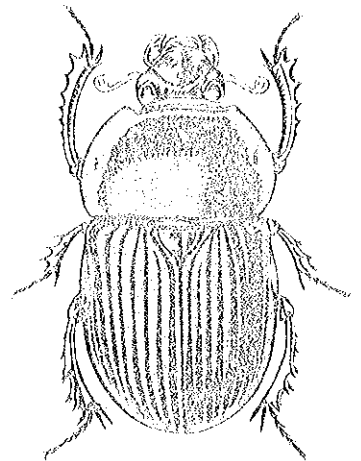
8. Describe at least one challenge faced by the public or agriculture because of insects.

9. Describe your experience in other volunteer programs. _____

10. Why do you want to become a master in insect identification? _____

I am applying to become a master insect identifier and must complete the following requirements:

- 1. Apply and be accepted into the OSU Beneficial & Pest Insect Identification Program.**
- 2. Attend OSU Insect Identification Short Course and pass the final exam**
- 3. Serve 10 hours for the local Extension Service in the offices, in community/agricultural projects, or community outreach related to insect identification**
- 4. Record and submit volunteer hours on a monthly basis up to and through December, 2011.**



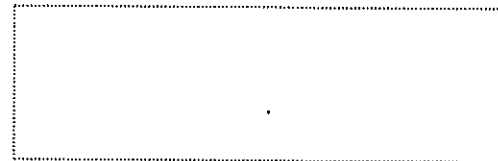
Applicant Signature

Date

Growing Treasure in the Valley
Malheur County Extension Service
710 SW 5th Avenue
Ontario, Oregon 97914

NONPROFIT ORG
US POSTAGE PAID
ONTARIO, OR 97914
PERMIT # 124

Return Service Requested



Agriculture, Home Economics, 4-H Youth, Forestry, Community Development, Energy, and Extension Sea Grant programs. Oregon State University, United States Department of Agriculture, and Oregon counties cooperating. The Extension Service offers its programs and materials equally to all people.

Growing Treasure in the Valley

Malheur
County
Extension



“Core” Pesticide Training Event

Don't miss this year's “Core” Pesticide Training that will be held at the Malheur County Extension Office on December 8th at 8 AM. Please RSVP to save your spot. There will be a \$10 charge per person. Check before you forget, and save the date for your license recertification. This year we will be going back to the basics of pesticide use, but with a new twist. I think you will enjoy this new approach for education.

Sincerely,

Steve Norberg

November 2009

We are on the Web:
<http://extension.oregonstate.edu/malheur>

Malheur County Extension Service
Phone: 541-881-1417
Fax: 541-889-8840