

**Comprehensive Vita - Darrin L. Walenta**  
**January 2010**

**Position Title:** Extension Agronomist

**Rank:** Associate Professor – Dept. of Crop and Soil Science      **Years in Rank:** 3 years

**Assigned Responsibilities:** 100% Extension (off-campus)

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**A. EDUCATION AND EMPLOYMENT INFORMATION**

**EDUCATION**

<b>Year</b>	<b>University</b>	<b>DegreeMajor</b>	
2001	Washington State University	M.S.	Crop Science
1992	Oklahoma State University	B.S.	Agronomy

**PROFESSIONAL EXPERIENCE**

<b>Years</b>	<b>Employer</b>	<b>Brief Description of Responsibilities</b>
2000-present	Oregon State University La Grande, OR	Associate Professor in Extension with field crop responsibilities in Union, Baker, and Wallowa Co.
1998-2000	Washington State University Pullman, WA	Graduate research assistant – research on spring emergent jointed goatgrass in spring wheat, teaching assistant.
1992-1998	CBARC-OSU Pendleton, OR	Senior faculty research assistant – conduct field, greenhouse, laboratory research in weed ecology, biology, and management in Eastern OR dryland cropping systems.

**B. TEACHING, ADVISING, AND OTHER ASSIGNMENTS**

**1. Instructional Summary**

- a. Credit Courses** - Not relevant to this position.
- b. Non-Credit Courses and Workshops**

## **1) Presentations**

A major component of my Extension Field Crops program involves education through presentation and interaction with producers, consultants, other ag-professionals, general public, and peers. Presentations are delivered through a variety of outreach events including seminars, workshops, field tours, discussion groups, grower meetings, field tours, and short courses. Local presentations are within my geographical area of responsibility (Union, Baker, and Wallowa Co), whereas, regional presentations include audiences beyond county responsibilities.

### **a) Regional - Invited**

36<sup>th</sup> Annual Hermiston Farm Fair and Trade Show. "Ergot Management in Grass Seed Production". December 2009. Hermiston, OR. 90 participants. Presenter/Session Moderator.

2009 HAREC Grass Seed Field Day. "Entomopathogens for Billbug Control and Update on Insecticide Section 18 Registrations". June 2009. Hermiston, OR. 100 participants. Presenter.

2009 OSU Extension Dryland Cropping Systems Post-Harvest Meeting. "NE Oregon Field Crops Extension Program Update". Sept. 2009. Pendleton, OR. 25 participants. Presenter.

2008 35<sup>th</sup> Annual Hermiston Farm Fair and Trade Show. "Monitoring Ergot Ascospore Release to Better Time Fungicide Applications". Dec. 2008. Hermiston, OR. 85 participants. Presenter/Session Moderator.

2008 Hermiston Agriculture Research and Extension Center Grass Seed Field Day. "Timing of Fungicide Application for Ergot Control and Monitoring of Ergot Ascospores". June 2008. Hermiston, OR. 75 participants. Presenter.

2008 NE Oregon Grasshopper IPM Workshop. "Grasshopper Management – Considerations for the Oregon CLB Biological Control Program". April 2008. Baker City. 25 participants. Presenter.

34<sup>th</sup> Annual Hermiston Farm Fair and Trade Show. "Pest Biology and Management Considerations in Grass Seed Production". Nov. 2007. Hermiston, OR. 72 participants. Presenter/Moderator.

2006 Columbia Basin Grass Seed Association Annual Meeting. "Residue Management for Kentucky Bluegrass". February 2006. Hermiston, OR. 60 participants. Presenter

32<sup>nd</sup> Annual Hermiston Farm Fair. “Cereal Leaf Beetle Management, Biology, and Biological Control”. December 2005. Hermiston, OR. 70 participants. Presenter.

32<sup>nd</sup> Annual Hermiston Farm Fair. “Insect Pests in Kentucky Bluegrass Seed Production in Central Oregon and the Grande Ronde Valley”. December 2005. Hermiston, OR. 70 participants. Presenter.

Columbia Basin Agriculture Research Station Field Day. “Cereal Leaf Beetle Biology and Management”. June 2005. Pendleton, OR. 140 participants. Presenter.

Integrated Pest Management Workshop. “Development of an IPM Program for Cereal Leaf Beetle in Oregon”. May 2005. Blue Mt. Community College, Pendleton, OR. 31 participants. Presenter.

OSU Extension Agronomic Crops Regional Winter Weed Workshop. “Wheat Crop Injury Due to Herbicide Intolerance”. January 2005. LaGrande, OR. 46 participants. Presenter.

OSU Extension Agronomic Crops Regional Winter Weed Workshop. “Mint Injury Due to Improper Herbicide Application”. January 2005. LaGrande, OR. 46 participants. Presenter.

OSU Extension Agronomic Crops Regional Winter Weed Workshop. “Wheat Crop Injury Due to Herbicide Intolerance”. January 2005. Pendleton, OR. 45 participants. Presenter.

OSU Extension Agronomic Crops Regional Winter Weed Workshop. “Mint Injury Due to Improper Herbicide Application”. January 2005. Pendleton, OR. 45 participants. Presenter.

Columbia Basin Cereal Seminar. “Cereal Leaf Beetle Biology and Management Options”. January 2005. Pendleton, OR. 60 participants. Presenter.

31<sup>st</sup> Annual Hermiston Farm Fair and Trade Show. “New Herbicides for Weed Management in Peppermint”. December 2004. Hermiston, OR. 75 participants (Columbia Basin – OR and WA). Presenter, Moderator.

Tri-State Cereal Leaf Beetle Conference. “Cereal Leaf Beetle in NE Oregon – Evaluation of Yield Impact and Economic Threshold”. September 2004. Spokane, WA. 18 participants. Presenter.

Central Oregon Pest Management Course. “Invasive Weed Identification and Management”. February 2004. Bend, OR. 150 participants. Presenter.

OSU Extension Service Regional Winter Weed Workshop. "Raptor Carry-over Injury to Barley". Weed Management Diagnostics. February 2003. Ontario, OR. 190 participants. Presenter.

OSU Extension Service Regional Winter Weed Workshop. "Potato Injury Due to Oust Contaminated Spray Equipment". Weed Management Diagnostics. February 2003. Ontario, OR. 190 participants. Presenter.

OSU Extension Service Regional Winter Weed Workshop. "Raptor Carry-over Injury to Barley". Weed Management Diagnostics. February 2003. Pendleton, OR. 48 participants. Presenter.

OSU Extension Service Regional Winter Weed Workshop. "Potato Injury Due to Oust Contaminated Spray Equipment". Weed Management Diagnostics. Feb. 2003. Pendleton, OR. 48 participants. Presenter.

Columbia Basin Cereal Seminar. "The Biology, Ecology, and Management of Jointed Goatgrass". January 2003. Pendleton, OR. 40 participants. Presenter.

OSU-CSS Spring Conclave. "Faculty Snapshot of the Union County Field Crops Extension Program". March 2002. Corvallis, OR. 40 participants. Presenter.

NE Oregon Agricultural Biomass Sustainability Focus Group. "Agriculture Biomass Availability in NE Oregon". November 2002. LaGrande, OR. 26 participants. Discussion participant/presenter.

**b) Local - Invited**

2010 Union County Master Gardener Course. January 2010. "Plant Identification and Weed Management Basics". 25 participants. La Grande, OR. Presenter.

2009 Oregon Health Sciences University Tour of Northeastern Oregon Agriculture. Oct. 2009. "OSU Extension Service – Who We Are and What We Do!". 22 participants. Presenter.

2009 Oregon Health Sciences University Tour of Northeastern Oregon Agriculture. Oct. 2009. "Overview of NE Oregon Agriculture". 22 participants. Presenter.

2009 Union County Master Gardener Course. April 2009. "Weed Management for the Master Gardener". 20 participants.

2009 Farm Bureau Regional Issues Forum. March 2009. "Field Burning and Pesticide Issues". 30 participants. La Grande, OR. Presenter.

2008. Economic Development Opportunity for a Peppermint Bi-product Separation Processor. 25 participants. October 2008. Discussion Participant.

2008 Eastern Oregon Summer Ag Institute. "Cereal Grains of Oregon, Wheat Kits for Educators, and Dough Strength Demonstration". July 2008. Eastern Oregon Ag Research Center. Union, OR. 12 participants. Presenter.

2008 Leadership Union County – Natural Resources Session. "OSU Extension Agronomy Program and Local Issues Facing Local Agriculture". May 2008. LaGrande, OR. 20 Participants. Presenter.

2008 NE Oregon Grasshopper IPM Workshop. "Grasshopper Management – Considerations for the Oregon CLB Biological Control Program". April 2008. Baker City. 15 participants. Presenter.

2008 Union County Master Gardener Course. "Pesticide Safety and Weed Management Problem-Solving". March 2008. LaGrande. 27 Participants. Presenter.

2008 Baker County Master Gardener Course. "Pesticide Safety and Weed Management Problem-Solving". March 2008. Baker City. 18 Participants. Presenter.

2008 Union District Mint Growers Meeting. "Union Co. Mint Disease Control Area Order-Past & Present". March 2008. 38 participants. Presenter/Co-organizer

Annual Union-Baker Co. Grass Seed/Wheat Growers Meeting. Feb. 2008. "Ergot Biology and Management/Registered Fungicides". LaGrande. 55 Participants. Presenter/Co-Facilitator/Co-Organizer.

Union Co. Irrigation Water Management: Planning, Usage and Reporting Workshop. "Irrigation Water Management and Integrated Pest Management". March 2007. Union Co. 36 participants. Presenter/Co-Facilitator/Co-Organizer.

2006 Eastern Oregon Summer Ag Institute. "Cereal Grains of Oregon, Wheat Kits for Educators, and Dough Strength Demonstration". July 2006. Eastern Oregon Ag Research Center. Union, OR. 14 participants. Presenter.

Union-Baker Co. Clearfield Stewardship Grower Meeting. "Key Points of the Clearfield Wheat Production System". August 2005. Imbler, OR. 22 participants. Presenter.

Union-Baker Co. Clearfield Stewardship Grower Meeting. "Key Points of the

Clearfield Wheat Production System". August 2005. North Powder, OR. 12 participants. Presenter.

2005 Eastern Oregon Summer Ag Institute. "Cereal Grains of Oregon and Wheat Kits for Educators". July 2005. Eastern Oregon Ag Research Center. Union, OR. 17 participants. Presenter.

2005 Baker County Master Gardener Program. "Pesticide Safety". April 2005. Baker City, OR. 30 participants. Presenter.

2005 Union County Master Gardener Program. "Pesticide Safety". March 2005. LaGrande, OR. 22 participants. Presenter.

2004 Eastern Oregon Summer Ag Institute. "Overview of Oregon Cereal Grains". July 2004. EOU - LaGrande, OR. 8 participants. Presenter.

2004 Eastern Oregon Summer Ag Institute. "Pesticide Use in Agriculture". July 2004. EOU – LaGrande, OR. 8 participants. Presenter.

2004 Leadership Union County. "Agriculture and the Crops Extension Program in Union County". May 2004. LaGrande, OR. 12 participants. Presenter.

Union County Master Gardener Training. "Sprayer Calibration". April 2004. LaGrande, OR. 18 participants. Presenter.

Union County Master Gardener Training. "Pesticides and Pesticide Safety". March 2004. LaGrande, OR. 18 participants. Presenter.

Wallowa County Wheat Growers Fall Meeting. "Cereal Leaf Beetle Biology, Scouting Technique, Action Threshold, and Bio-control/Research Efforts". November 2003. Joseph, OR. 22 participants. Presenter.

Union County Wheat Growers Fall Meeting. "OSU Winter Elite Yield Trials and Status of Cereal Leaf Beetle Bio-control Program". November 2003. LaGrande, OR. November 2003. 25 participants. Presenter.

Baker County Wheat Growers Fall Meeting. "OSU Winter Elite Yield Trials and Status of Cereal Leaf Beetle Bio-control Program". November 2003. Baker City, OR. November 2003. 24 participants. Presenter.

Summer Agriculture Institute – Oregon Agriculture Education Foundation. "An Overview of Oregon Cereal Grains". July 2003. EOU - LaGrande, OR. 18 participants. Presenter.

Leadership Union County (Chamber of Commerce Program). "Union County Agriculture: Production, Challenges, and Extension Programs". May 2003. LaGrande, OR. 22 participants. Presenter.

Union Co. Master Gardener Training. "Pesticide Safety, Formulations, Equipment, Label Comprehension, and Environmental Fate". March 2003. LaGrande, OR. 6 participants. Presenter.

Wallowa Co. Extension Advisory Council Fall Meeting. "Cereal Leaf Beetle Bio-control and Research Update - Winter Grain Drill Strip Variety Trials". February 2003. Joseph, OR. 14 participants. Presenter.

Union County Extension Advisory Council Fall Meeting. "Field Crops Extension Program Update". November 2002. LaGrande, OR. 12 participants. Presenter.

Leadership Baker (Chamber of Commerce Program). "Baker County Agriculture and Economics – A Virtual Tour". October 2002. Baker City, OR. 17 participants. Presenter.

Wallowa County Wheat Growers Fall Meeting. "Field Crops Extension Update". November 2002. Joseph, OR. 20 participants. Presenter.

Union County Wheat Growers Fall Meeting. "Field Crops Extension Update. November 2002. LaGrande, OR. 40 participants. Presenter.

Baker County Wheat Growers Fall Meeting. "Field Crops Extension Update". October 2002. Baker City, OR. 25 participants. Presenter.

Union County Extension Staff Meeting. "Pesticide Use Reporting System Overview and Role of the Union County Extension Office Faculty and Staff in PURS. May 2002. LaGrande, OR. 6 participants. Presenter.

Baker County Wheat Growers Fall Meeting. "Field Crops Extension Program Update and Other News". October 2001. Haines, OR. 40 participants. Presenter.

Union County Public Forum on Smoke Management. "Historical Perspective on Agricultural Burning in Union County". May 2001. La Grande, OR. 175 participants. Presenter.

Union County Grass Seed and Wheat Growers Annual Meeting. "Weed Problems in Certified Grass Seed Production". February 2001. La Grande, OR. 38 participants. Presenter.

Union County Grass Seed and Wheat Growers Annual Meeting. "Smoke

Management Program and County Committee Progress Update. February 2001. La Grande, OR. 38 participants. Co-presenter.

OSU Ag Program at Eastern Oregon University – College Freshman Student Orientation Class. “Role and Responsibilities of a Field Crops Extension Educator”. October 2001. La Grande, OR. 25 participants. Presenter.

Union County Smoke Management Committee Meeting. “Status of Crop Residue Management and Direct Seeding in Union County”. October 2001. La Grande, OR. 15 participants. Presenter.

Summer Agriculture Institute – Oregon Agriculture Education Foundation. “Pesticide Use in Agriculture”. July 2000. La Grande, OR. 20 participants. Presenter.

Union County Smoke Management Committee meeting. “Historical Background of Grass Seed Production and Residue Management in Union County”. November 2000. La Grande, OR. 18 participants. Presenter.

On-going. Provide *individual consultation* for numerous clients in the areas of weed/insect identification and control, plant disease, lawn/pasture establishment and maintenance, agriculture production statistics, seed certification, crop production, management aspect for small landowners, etc.

### **c) Presentations - Regional**

2007 PNW Direct Seed Conference. “Agronomic Performance of Specialty Spring Grains Grown in NE Oregon for Possible Utilization in a Bio-refinery”. January 2007 Kennewick, WA. 400 participants. Poster presenter.

2007 PNW Direct Seed Conference. “Development of an Integrated Cereal Leaf Beetle Management Program”. January 2007. Kennewick, WA. 400 participants. Poster presenter.

2006 Pacific NW Grains Conference. “Agronomic Performance of Specialty Spring Grains Grown in NE Oregon for Possible Utilization in a Bio-refinery”. December Portland, OR. 275 participants. Poster presenter.

2006 Pacific NW Grains Conference. “Development of an Integrated Cereal Leaf Beetle Management Program”. December 2006. Portland, OR. 275 participants. Poster presenter.

Cereal Leaf Beetle Parasitoid Wasp Workshop. “Cereal Leaf Beetle Biology and Management Options”. June 2005. Eastern Oregon Ag Research Center. Union, OR. 9 participants. Presenter, organizer, facilitator.



Oregon Wheat Commission Research Review. "Cereal Leaf Beetle: Evaluation of Yield Impact and Pheremone Trapping". February 2004. Pendleton, OR. 30 participants. Presenter.

Walenta, D. L., D. Wysocki, and S. Ott. "Response of Direct Seeded Spring Wheat and Barley Cultivars to Nitrogen". Northwest Direct Seed Conference. January 2004. Pendleton, OR. 200 participants. Poster presentation.

Walenta, D. L., D. Wysocki, and S. Ott. "Variety and Nitrogen Response of Direct Seeded Spring Wheat and Barley in Union County". Oregon Wheat Industry Annual Conference. December 2003. Portland, OR. 212 participants. Poster presentation.

**d) Presentations - Local**

2009 Union County 4-H and Extension Service District Advisory Council Meeting. Nov. 2009. "Field Crops Extension Program Update". 16 participants. Presenter.

2009 Wallowa County Extension Advisory Committee Meeting. Nov. 2009. "Field Crops Extension Program Update". 12 participants. Presenter.

2009 Wallowa County Crop Tour. July 2009. "Evaluating Specialty Barley Varieties for Production in NE Oregon". 16 participants. Presenter.

2009 Wallowa County Crop Tour. July 2009. "Camelina Research Update and Production Opportunities in NE Oregon". 16 participants. Presenter.

2009 NE Oregon Private Pesticide Applicator Pre-Exam and General Training. "Pesticide Safety, Toxicity and PPE". January 2009. Union County. 28 participants. Presenter/Facilitator/Co-Organizer.

2009 NE Oregon Private Pesticide Applicator Pre-Exam and General Training. "Pesticide Safety, Toxicity and PPE". January 2009. Baker County. 17 participants. Presenter/Facilitator/Co-Organizer.

2009 NE Oregon Private Pesticide Applicator Pre-Exam and General Training. "Pesticide Safety, Toxicity and PPE". January 2009. Wallowa County. 16 participants. Presenter/Facilitator/Co-Organizer.

2009 NE Oregon Private Pesticide Applicator Pre-Exam and General Training. "Pesticide Labels and Formulations". January 2009. Wallowa County. 16 participants. Presenter/Facilitator/Co-Organizer.

2008 NE Oregon Wheat Production Breakfast Meeting. "OSU WEYT Priorities for NE Oregon". September 2008. LaGrande, OR. 19 participants.  
Presenter/Facilitator/Organizer.

Union Co. Field Crop Pest Management Tour. "Ergot Management in Kentucky Bluegrass Seed Production". June 2008. Union Co. 26 participants.  
Presenter/Facilitator/Organizer.

Union Co. Field Crop Pest Management Tour. "Factors Influencing Beyond Herbicide Carryover". June 2008. Union Co. area. 26 participants.  
Presenter/Facilitator/Organizer.

2008 NE Oregon Private Pesticide Applicator Pre-Exam and General Training. "Pesticide Safety and PPE". Feb. 2008. Union County. 33 Participants.  
Presenter/Facilitator/Co-Organizer.

2008 NE Oregon Private Pesticide Applicator Pre-Exam and General Training. "State and Federal Record-keeping Requirements for the Private Applicator". Feb. 2008. Union County. 33 Participants. Presenter/Facilitator/Co-Organizer.

2008 NE Oregon Private Pesticide Applicator Pre-Exam and General Training. "Pesticide Safety and PPE". Feb. 2008. Baker County. 32 participants.  
Presenter/Facilitator/Co-Organizer.

2008 NE Oregon Private Pesticide Applicator Pre-Exam and General Training. "State and Federal Record-keeping Requirements for the Private Applicator". Feb. 2008. Baker County. 32 participants. Presenter/Facilitator/Co-Organizer.

2008 NE Oregon Private Pesticide Applicator Pre-Exam and General Training. "Pesticide Safety and PPE". Feb. 2008. Wallowa County. 17 Participants.  
Presenter/Facilitator/Co-Organizer.

2008 NE Oregon Private Pesticide Applicator Pre-Exam and General Training. "State and Federal Record-keeping Requirements for the Private Applicator". Feb. 2008. Wallowa County. 17 Participants. Presenter/Facilitator/Co-Organizer.

2007 31<sup>st</sup> Annual Union County Crops and Conservation Tour. "Kentucky bluegrass Seed Production and Residue Management Trends and Current Pest Management Research". June 2007. Grande Ronde Valley area. 336 participants. Presenter/Co-facilitator/Co-organizer.

2007 Oregon Winter Elite Yield Trials (Clover Creek) and Small Grain Trials (Grande Ronde Valley) Field Tour. "Waxy Barley and Hard Red Winter Wheat Field Trials". June 2007. Union Co. area. 11 participants.

Presenter/Facilitator/Organizer.

OSU Agriculture Program (at EOU) Sustainable Agriculture Tour. "Role of the County Ag Extension Agent". June 2007. 9 participants. Presenter/Facilitator/Organizer.

OSU Agriculture Program (at EOU) Sustainable Agriculture Tour. "Management of Pests in Perennial Grass Seed Crops". June 2007. 9 participants. Presenter/Facilitator/Organizer.

OSU Agriculture Program (at EOU) Sustainable Agriculture Tour. "Dynamics of Managing Grass Seed Pests, Post-Harvest Residue, and Air Quality in the Grande Ronde Valley". June 2007. 9 participants. Presenter/Facilitator/Organizer.

2007 Master Gardener Course - Union County. "Pesticide Safety". April 2007. LaGrande, OR. 24 participants. Presenter.

Integrated Pest Management Plan Development Workshop (NE Oregon). "Integrated Cereal Leaf Beetle Management for Small Grains (poster)" and "Oregon Cereal Leaf Beetle Biological Control Program (poster)". March 2007. LaGrande, OR. 40 participants. Presenter/Co-Facilitator/Co-organizer.

"NE Oregon Waxy Barley and Hard Red Winter Wheat Research Update". Annual Union Co. Growers Meeting. Feb. 2007. 49 participants. Presenter/Co-Facilitator/Co-organizer.

NE Oregon Private Pesticide Applicator and Pre-License Training. "Pesticide Safety and Personal Protective Equipment". Feb. 2007. LaGrande, OR. 23 participants. Presenter/Co-Facilitator/Co-organizers.

NE Oregon Private Pesticide Applicator and Pre-License Training. "Pesticide Safety and Personal Protective Equipment". Feb. 2007. Baker City, OR. 27 participants. Presenter/Co-Facilitator/Co-organizers.

NE Oregon Private Pesticide Applicator and Pre-License Training. "Pesticide Safety and Personal Protective Equipment". Feb. 2007. Enterprise, OR. 21 participants. Presenter/Co-Facilitator/Co-organizers.

Small Grain Production Meeting and Field Tour for NE Oregon. "Waxy Spring Wheat and Barley Research Trials". June 2006. Union County. 20 participants. Presenter/Co-facilitator/co-organizer.

Leadership Union County. "Overview of Union County Agriculture". May 2006. LaGrande, OR. 20 participants. Presenter/co-organizer/co-facilitator.

2006 Master Gardener Course - Union County. "Pesticide Safety". April 2006. LaGrande, OR. 24 participants. Presenter.

2006 Master Gardener Course - Union County. "Pesticide Label Comprehension Review". April 2006. LaGrande, OR. 24 participants. Presenter.

Baker County Potato Growers Meeting. "Union-Baker Potato Insect Trapping Program". March 2006. Baker City, OR. 27 participants. Presenter/Facilitator/Co-organizer.

NE Oregon Crop Pest Management Seminar: Union, Baker, and Wallowa Co. "Insects in Grande Ronde Valley Kentucky Bluegrass Seed Production". February 2006. LaGrande, OR. 52 participants. Presenter.

NE Oregon Crop Pest Management Seminar: Union, Baker, and Wallowa Co. "Waxy Spring Grain Research, New Rapeseed Control Area, and CLB Biological Control Update". February 2006. LaGrande, OR. 52 participants. Presenter.

2006 Union Co. Grass Seed and Wheat Growers Annual Winter Meeting. "PURS Update and Section 18 Labels". February 2006. LaGrande, OR. 52 participants. Presenter/co-facilitator/co-organizer.

Union Co. ES Pesticide Applicator and Pre-License Training. "Pesticide Label and Exercise". February 2006. LaGrande, OR. 34 participants. Presenter/co-organizer, facilitator.

Union Co. ES Pesticide Applicator and Pre-License Training. "Keeping State/Federal Pesticide Application Records and Reporting Requirements". February 2006. LaGrande, OR. 34 participants. Presenter/co-organizer, facilitator.

Baker Co. ES Pesticide Applicator and Pre-License Training. "Pesticide Label and Exercise". February 2006. Baker City, OR. 38 participants. Presenter/co-organizer, facilitator.

Baker Co. ES Pesticide Applicator and Pre-License Training. "Keeping State/Federal Pesticide Application Records and Reporting Requirements". February 2006. Baker City, OR. 38 participants. Presenter/co-organizer, facilitator.

Wallowa Co. ES Pesticide Applicator and Pre-License Training. "Pesticide Label and Exercise". February 2006. Enterprise, OR. 14 participants. Presenter/co-organizer, facilitator.

Wallowa Co. ES Pesticide Applicator and Pre-License Training. "Keeping State/Federal Pesticide Application Records and Reporting Requirements". February 2006. Enterprise, OR. 14 participants. Presenter/co-organizer, facilitator

2006 Master Gardener Course – Union Co. "Cherry Fruit Fly Biology, Management, and Control Area". February 2006. LaGrande, OR. 24 participants. Presenter.

Wallowa Co. ES Pesticide Applicator and Pre-Exam Training. "Pesticide Label and Formulations". February 2005. Enterprise, OR. 12 participants. Presenter, co-organizer, facilitator.

Wallowa Co. ES Pesticide Applicator and Pre-Exam Training. "Pesticide Safety and PPE". February 2005. Enterprise, OR. 12 participants. Presenter, co-organizer, facilitator.

Baker Co. ES Pesticide Applicator and Pre-Exam Training. "Pesticide Label and Formulations". February 2005. Baker City, OR. 11 participants. Presenter, co-organizer, facilitator.

Baker Co. ES Pesticide Applicator and Pre-Exam Training. "Pesticide Safety and PPE". February 2005. Baker City, OR. 11 participants. Presenter, co-organizer, facilitator.

Union Co. ES Pesticide Applicator and Pre-Exam Training. "Pesticide Label and Formulations". February 2005. LaGrande, OR. 22 participants. Presenter, co-organizer, facilitator.

Union Co. ES Pesticide Applicator and Pre-Exam Training. "Pesticide Safety and PPE". February 2005. LaGrande, OR. 22 participants. Presenter, co-organizer, facilitator.

Baker County Wheat Grower Meeting. "Cereal Leaf Beetle Bio-control and Yield Impact, Extension Update". November 2004. Baker City, OR. 17 participants. Presenter.

Union County Wheat Grower Meeting. "Cereal Leaf Beetle Bio-control and Yield Impact, Extension Update". November 2004. LaGrande, OR. 40 participants. Presenter.

28<sup>th</sup> Annual Union County Crops and Conservation Tour. "Cereal Leaf Beetle Management, Local Research Projects, and the Cooperative Bio-Control Program". June 2004. 138 participants. Presenter.

28<sup>th</sup> Annual Union County Crops and Conservation Tour. “Direct-seeded Spring Wheat and Barley Variety Response to Nitrogen Rate”. June 2004. 138 participants. Co-presenter.

OSU-CSS Extension Spring Tour. “Research and Extension Efforts to Address Challenges Facing Grass Seed Production in the Grande Ronde Valley-Pest, Residue, and Smoke Management”. May 2004. Union County area. 12 participants. Presenter.

OSU-CSS Extension Spring Tour. “Development of a Cereal Leaf Beetle Integrated Pest Management Program”. May 2004. Union County area. 12 participants. Co-presenter.

Tri-County Cooperative Weed Management Area Annual Meeting. “Spray Equipment Tune-up Using Spray Pattern Test Tables”. April 2004. Wallowa, OR. 20 participants. Co-presenter.

Union Co. Grass Seed and Wheat Growers Annual Meeting. “Billbug and Other Grass Seed Research Projects in the Grande Ronde Valley”. February 2004. LaGrande, OR. 44 participants. Presenter and co-organizer.

Union Co. ES Pesticide Applicator and Pre-Exam Training. “Pesticide Label and Formulations”. February 2004. LaGrande, OR. 24 participants. Presenter, co-organizer, facilitator.

Union Co. ES Pesticide Applicator and Pre-Exam Training. “Current Issue – Legal Use of Pesticides”. February 2004. LaGrande, OR. 24 participants. Presenter, co-organizer, facilitator.

Baker Co. ES Pesticide Applicator and Pre-Exam Training. “Pesticide Label and Formulations”. February 2004. Baker City, OR. 19 participants. Presenter and co-organizer.

Baker Co. ES Pesticide Applicator and Pre-Exam Training. “Current Issue – Legal Use of Pesticides”. February 2004. Baker City, OR. 19 participants. Presenter and co-organizer.

Wallowa Co. ES Pesticide Applicator and Pre-Exam Training. “Pesticide Label and Formulations”. February 2004. Enterprise, OR. 29 participants. Presenter and co-organizer.

Wallowa Co. ES Pesticide Applicator and Pre-Exam Training. “Pesticide Laws, Regulations, and Definitions”. February 2004. Enterprise, OR. 29 participants. Presenter and co-organizer.

Wallowa Co. ES Pesticide Applicator and Pre-Exam Training. “Current Issue – Legal Use of Pesticides”. February 2004. Enterprise, OR. 29 participants. Presenter and co-organizer.

Baker Co. Weed Workshop. “Herbicides for Weed Management in Winter Wheat”. January 2004. Baker City, OR. 24 participants. Presenter.

Grande Ronde Valley Crop Research Tour. “Local Research to Investigate Nitrogen Rate Influence on Select Varieties of Spring Wheat and Barley in Direct Seed Systems”. June 2003. LaGrande, OR. 30 participants. Co-presenter.

Union County Grass Seed and Wheat Growers Annual Winter Meeting. “Cereal Leaf Beetle Bio-control and Seed Treatment, Host Preference, and Pheromone Research Update’. February 2003. LaGrande, OR. 40 participants. Presenter.

Union County Grass Seed and Wheat Growers Annual Meeting. “2002 Seed Certification and Purity Analysis Update”. February 2003. LaGrande, OR. 40 participants. Presenter.

Baker Co. ES Pesticide Applicator and Pre-Exam Training Session. “Review of Pesticide Use Reporting System”. February 2003. Baker City, OR. 25 participants. Presenter.

Baker Co. ES Pesticide Applicator and Pre-Exam Training Session. “Pesticide Laws, Regulations, and Definitions”. February 2003. Baker City, OR. 25 participants. Presenter.

Union Co. ES Pesticide Applicator and Pre-Exam Training Session. “Review of Pesticide Use Reporting System”. February 2003. LaGrande, OR. 49 participants. Presenter.

Union Co. ES Pesticide Applicator and Pre-Exam Training Session. “Pesticide Laws, Regulations, and Definitions”. February 2003. LaGrande, OR. 49 participants. Presenter.

Columbia Basin Cereal Seminar. “The Biology, Ecology, and Management of Jointed Goatgrass”. January 2003. LaGrande, OR. 28 participants. Presenter.

Columbia Basin Cereal Seminar. “Herbicide Resistant Weeds – Considerations for Management and Prevention”. January 2003. LaGrande, OR. 28 participants. Presenter.

Union County Grass Seed and Wheat Growers Annual Meeting. "Certified Grass Seed Acreage, Purity Analysis, and Weed Pest Update". February 2002. LaGrande, OR. 27 participants. Presenter.

Baker County Farm Day Seminar. "Cereal Leaf Beetle Biology and Control". February 2002. Baker City, OR. 18 participants. Presenter.

Union Co. ES Pesticide Applicator and Pre-Exam Training Session. "Pesticide Laws, Regulations, and Definitions". February 2002. La Grande, OR. 24 participants. Presenter.

Union Co. ES Pesticide Applicator and Pre-Exam Training Session. "Oregon Pesticide Use Reporting System". February 2002. La Grande, OR. 24 participants. Presenter.

Baker Co. ES Pesticide Applicator and Pre-Exam Training Session. "Pesticide Laws, Regulations, and Definitions". February 2002. Baker City, OR. 21 participants. Presenter.

Baker Co. ES Pesticide Applicator and Pre-Exam Training Session. "Oregon Pesticide Use Reporting System". February 2002. Baker City, OR. 21 participants. Presenter.

Wallowa Co. ES Pesticide Applicator and Pre-Exam Training Session. "Pesticide Laws, Regulations, and Definitions". February 2002. Enterprise, OR. 31 participants. Presenter.

Wallowa Co. ES Pesticide Applicator and Pre-Exam Training Session. "Oregon Pesticide Use Reporting System". February 2002. Enterprise, OR. 31 participants. Presenter.

Columbia Basin Cereal Seminar. "Cereal Leaf Beetle Biology and Control". January 2002. LaGrande, OR. 31 participants. Presenter.

Union Co. Wheat Growers Fall Meeting. "Pesticide Use Reporting System Overview and Status". October 2001. La Grande, OR. 30 participants. Presenter.

OSU Extension Service Hobo Spider Clinic. "Hobo Spider – Eradication or Management?". August 2001. Eastern Oregon University, La Grande, OR. 45 participants. Presenter, Facilitator, Organizer.

OSU Extension Weed Science Herbicide Mode of Action Workshop. "Mode of Action, Drift Management, and Crop Diagnostics". September 2001. Summerville, OR. 2 participants. Presenter, follow-up tour.



Union Co. Extension Staff Training. "Using Digital Technology for Program Presentation". May 2001. La Grande, OR. 2 participants. Presenter.

Union Co. ES Pesticide Applicator and Pre-Exam Training Session. "Pesticide Laws, Regulations, and Definitions". January 2001. La Grande, OR. 43 participants. Presenter.

Union Co. ES Pesticide Applicator and Pre-Exam Training Session. "Oregon Pesticide Use Reporting System". January 2001. La Grande, OR. 43 participants. Presenter.

Baker Co. ES Pesticide Applicator and Pre-Exam Training Session. "Pesticide Laws, Regulations, and Definitions". January 2001. Baker City, OR. 28 participants. Presenter.

Baker Co. ES Pesticide Applicator and Pre-Exam Training Session. "Oregon Pesticide Use Reporting System". January 2001. Baker City, OR. 28 participants. Presenter.

Wallowa Co. ES Pesticide Applicator and Pre-Exam Training Session. "Pesticide Laws, Regulations, and Definitions". January 2001. Enterprise, OR. 35 participants. Presenter.

Wallowa Co. ES Pesticide Applicator and Pre-Exam Training Session. "Oregon Pesticide Use Reporting System". January 2001. Enterprise, OR. 35 participants. Presenter.

## **6) Facilitation and Development of Programs, Tours, and Workshops**

Another major component involves the organization and facilitation of a variety of programs, tours, and workshops designed to meet the informational needs of producers, other ag-professionals, and non-agricultural clientele groups in Union, Baker, and Wallowa Counties. I frequently work with various grower associations, ag-professionals, individual growers, and representatives of local/state/federal agencies to determine local educational needs and utilize appropriate expertise to provide educational outreach to clients.

### **a) On-going Facilitated Programs, Tours, and Workshops**

Annual NE Oregon Private Pesticide Applicator CORE Training. [December 2009. 69 participants in Union \(38\) and Wallowa Co \(31\). Organizer/Facilitator/Presenter.](#)

Statewide Wheat Marketing Educational Seminar Series. LaGrande, OR. [93 participants in 2009. Facilitator.](#)

Annual Union County Crops and Conservation Tour. Various locations throughout the county. June 2009. 170 participants. Co-organizer/facilitator/presenter.

Annual NE Oregon Extension Service Private Pesticide Applicator and Pre-Exam Training. Jan 2009. 61 total participants. Union Co. 28, Baker Co. 17, Wallowa Co. 16 participants. Presenter/program co-organizer/facilitator.

Annual Union County Smoke Management Program Review. April 2009. La Grande, OR. 12 participants. Presenter/program organizer/facilitator.

Union County Cherry Fruit Fly Committee Annual Meeting. May 2009. 8 participants ( with 2 additional meetings in 2009). Program organizer/facilitator.

Union County Grass Seed and Wheat Growers Annual Winter Meeting. La Grande, OR. February 2009. 55 participants. Program co-organizer/presenter.

Annual Union Co. Fair Crop and Weed I.D. Contest. 2009 participants: 35 4-H, 22 FFA, 2 adults= 59 total. La Grande, OR. Organizer/facilitator/presenter.

Northwest Chewings and Creeping Red Fescue Association Annual Meeting (part of the Oregon Seed Grower's League Annual Meeting). Salem, OR. Dec. 2009 (30 participants), 2007, 2005, 2003, 2001. Annual event with 30 to 60 participants. Co-advisor and program organizer (alternate years with Marion County Agent).

#### **b) Individual Facilitated Programs, Tours, and Workshops**

2009 Oregon Health Sciences University Tour of NE Oregon Agriculture. Oct. 2009. Union Co. area. 22 participants. Facilitator/Organizer/Presenter.

2009. Selecting Winter Wheat Varieties for NE Oregon. Sept. 2009. La Grande, OR. 10 participants. Facilitator/Organizer/Presenter.

2009. Wallowa County Crop Tour. July 2009. Joseph, OR. 16 participants. Facilitator/Organizer/Presenter.

2009. Grande Ronde Valley Oilseed Twilight Tour. July 2009. 15 participants. Facilitator/Organizer/Presenter.

2009. Rensselaer Co., NY and Union Co., OR 4-H Youth Exchange Program Tour of NE Oregon Field Crop Production. July 2009. 39 participants. Facilitator/Organizer/Presenter.

2009. Cove Nephelometer Training for Smoke Management Staff in Union Co. 6 participants. July 2009. Facilitator/Organizer/Presenter.

2009. Biomass (Ag/Forestry) Renewable Energy Tax Credit & Other Incentives Workshop. April 2009. 83 participants. Co-Facilitator/Co-Organizer.

2009. Farm Bureau Regional Issues Forum. March 2009. La Grande, OR. 30 participants. Co-organizer/presenter.

2009. Conservation Tillage (Strip Till/Undercutter) Incentive Program. La Grande, OR. January 2009. 10 participants. Organizer/Facilitator/Presenter.

NE Oregon Wheat Production Breakfast Meeting. September 2008. LaGrande, OR. 19 participants. Facilitator/Organizer/Presenter.

Union Co. Field Crop Pest Management Tour. June 2008. Union Co. area. 26 participants. Facilitator/Organizer/Presenter.

2008 Ag and Timber Biomass Renewable Energy Tax Credit & Incentives Workshop. February 2008. LaGrande, OR. 80 participants. Co-organizer.

NE Oregon District FFA Professional Improvement Event – Crop and Weed Identification Contest. October, 2007. 80 participants. Presenter/Organizer.

Wheat Marketing Tune-up Workshop (NE Oregon). Sept. 2007. LaGrande, OR. 20 participants. Facilitator/Organizer.

2007 Oregon Winter Elite Yield Trials (Clover Creek) and Small Grain Trials (Grande Ronde Valley) Field Tour. June 2007. Union Co. area. 11 participants. Presenter/Facilitator/Organizer.

OSU Agriculture Program (at EOU) Sustainable Agriculture Tour. June 2007. Union Co. area. 9 participants. Presenter/Facilitator/Organizer.

Oregon Farm Bureau Young Farmer and Rancher Industry Tour. May 2007. Union County area. 12 participants. Local Organizer.

Oregon Pesticide Use Reporting System Educational Classes (NE Oregon). May 2007. LaGrande (13 participants), Baker and Wallowa Co. Co-Facilitator/Co-Organizer.

Integrated Pest Management Plan Development Workshop (NE Oregon). March 2007. LaGrande, OR. 40 participants. Presenter/Co-Facilitator/Co-organizer.

Union Co. Irrigation Water Management: Planning, Usage and Reporting

Workshop. March 2007. Union Co. 36 participants. Presenter/Co-Facilitator/Co-Organizer.

NE Oregon Oilseed Production Tour. June 2006. Union and Umatilla Co. 10 participants. Co-facilitator/Co-organizer.

Small Grain Production Meeting and Field Tour for NE Oregon – Hard Red Winter Wheat, Soft White Winter Wheat, and Waxy Spring Grain. June 2006. Union County. 20 participants. Presenter/Co-facilitator/Co-organizer.

Rural Living Basics Well Water and Septic System Workshop. April 2006. LaGrande, OR. 7 participants. Facilitator/Organizer.

Baker County Potato Growers Meeting. March 2006. Baker City, OR. 27 participants. Presenter/Facilitator/Organizer.

2006 National Tractor Safety Initiative Focus Group. March 2006. LaGrande, OR. 16 participants. Facilitator/co-organizer.

NE Oregon Crop Pest Management Seminar: Union, Baker, and Wallowa Co. February 2006. 52 participants. Presenter/Organizer/Facilitator.

“Using Weather and Climate Information in Pest Management Workshop” for growers and ag professionals in Union, Baker, and Wallowa Co. February 2006. 22 participants. Facilitator, developer, and organizer.

Clearfield Wheat Technology Local Workgroup. February 2006. 6 participants. Organizer/facilitator/presenter.

Pesticide Container Recycle Day. July 2005. LaGrande, OR. Co-facilitator.

Cereal Leaf Beetle Parasitoid Wasp Biocontrol Workshop. June 2005. Eastern Oregon Agricultural Research Center-Union, OR. 9 participants. Presenter/Organizer/Facilitator.

NE Oregon District 12 Rapeseed Control Area Board Meeting. June 2005. LaGrande, OR. 6 participants. Facilitator.

Resolving Right-of-Way Vegetation Management Issues at the County-Level. February 2005. LaGrande, OR. 12 participants. Facilitator.

Agronomic Crops Winter Weed Workshop. January 2005. LaGrande, OR. 46 participants. Facilitator/Co-organizer/Presenter.

A New Risk Management Tool for Ag Producers – AGR-Lite Revenue Insurance Program. Regional satellite-broadcast program. December 2004. LaGrande, OR. 8 participants. Facilitator.

Herbicide Carry-over and Movement Workshop. July 2004. LaGrande, OR. 15 participants. Facilitator/co-organizer.

Farm Truck Safety and Load Securement Workshop. June 2004. Imbler, OR. 10 participants. Facilitator/co-organizer.

OSU-CSS Extension Spring Tour. May 2004. Union County. 12 participants. Program organizer/facilitator/presenter.

Agriculture Industry Forum on Genetically Engineered Crops. February 2004. LaGrande, OR. 44 participants. Program co-organizer/facilitator.

Direct Seed Incentive Program Workshop. January 2004. LaGrande, OR. 12 participants. Program organizer/facilitator.

Working with Weather – A Workshop for Regional Smoke Managers and Field Burn Management Officials. December 2003. LaGrande, OR. 14 participants. Program co-organizer/co-facilitator.

Columbia Basin Cereal Seminar. LaGrande, OR. January 2003, 2002, 2001. Annual event. 30-45 participants. Presenter/program organizer (50%)/facilitator.

Seed Potato Production in Union County Meeting and Field Tour. Various locations throughout Union County. Guests included visitors from Panama. August 2003. 18 participants. Co-organizer/co-facilitator.

Grande Ronde Valley Crop Research Tour. Various locations throughout Union county. June 2003. 30 participants. Tour organizer/facilitator/presenter.

Natural Resources of Union County Workshop and Tour. Various locations throughout Union County. Leadership Union County. May 2003. 22 participants. Co-organizer/co-facilitator/presenter.

Sweet Cherry Quality Seminar. April 2003. LaGrande, OR. 8 participants. Program organizer/facilitator.

Family Business 101: Entrepreneurial Family Business and Keeping it Going for Generations. March 2003. LaGrande, OR. 9 participants. Co-facilitator.

Grain Marketing Workshop. March 2003. LaGrande, OR. 17 participants. Program organizer/facilitator.

Pre-Harvest Tune-Up for Grain Storage – Baker County. Blatchford Bros. Farm. July 2002. 5 participants. Program organizer/facilitator.

Pre-Harvest Tune-Up for Grain Storage – Union County. Johnstone Farm. July 2002. 8 participants. Program organizer/facilitator.

Down in the Workshop – A Direct Seeding Workshop Held in a Workshop. April 2002. Cove, OR. 12 participants. Program organizer/facilitator.

Sweet Cherry Varieties and Rootstock Seminar. April 2002. Cove, OR (Ascension School Commons). 18 participants. Program organizer/facilitator.

Planning Meeting for Union County Cereal Leaf Beetle Bio-control Agent Insectary. April 2002. Union, OR. 6 participants. Program organizer/facilitator.

Farming the Wind Workshop. February 2002. La Grande, OR. 170 participants. Program co-organizer/co-facilitator.

OSU-AES Nematode Research Cooperator Meeting and Review. February 2002. La Grande, OR. 6 participants. Program facilitator.

Seed Potato Production in Union County Meeting and Discussion. January 2002. LaGrande, OR. 20 participants. Program organizer/facilitator.

Development of a Direct Seed Incentive Program. October 2001. La Grande, OR. 12 participants. Co-organizer.

Herbicide Mode of Action, Drift Management, and Crop Diagnostics field workshop. September 2001. Summerville, OR. 10 participants (growers and consultants). Program Facilitator/organizer/presenter.

Hobo Spider (*Tegenaria agrestis*) Clinic. Eastern Oregon University. August 2001. La Grande, OR. 45 participants. Program organizer/facilitator/presenter.

Review of Union County Smoke Management Program. May 2001. La Grande, OR. 12 participants. Co-organizer.

Grower Discussion on Smoke Management Issues. April 2001. La Grande, OR. 30 participants. Program organizer/facilitator.

Irrigation Management Options in a Water Short Year. March 2001. Summerville, OR. 20 participants. Program co-organizer/facilitator.

Mint Production Meeting. February 2001. La Grande, OR. 30 participants. Program co-organizer.

Farm and Family Dynamics Workshop. January 2001. La Grande, OR. 29 participants (farm and ranch families) from Union, Baker, and Wallowa Co. Program organizer/facilitator.

Agricultural Air Quality Issues and Update. December 2000. Island City, OR. 35 participants. Program organizer/facilitator.

Three C's of Success—Computers, Contracts, and Crop Insurance Workshop. October 2000. La Grande, OR. 30 participants. Program facilitator.

**c) Curriculum Development** – not relevant to this position

**d) Graduate Students and Post-Doctoral Trainees** - Not relevant

**e) Team or Collaborative Efforts**

**Oregon Cereal Leaf Beetle Biological Control Program**

The cooperative program involves Oregon Department of Agriculture, USDA-APHIS, and OSU faculty members within Oregon. The goal is to establish biological control agents (e.g. parasitoid wasps) for CLB in the state of Oregon through introduction of parasitoid wasps, rearing of the parasitoid wasps in managed insectaries, and facilitation of successful natural establishment. Monitoring of parasitoid wasp spread and establishment has been key to identifying field sites suitable for collection of parasitized larvae and re-distribution to CLB infested areas that lack natural enemies.

**NE Oregon Pesticide Applicator Training Program**

Walenta, D. L., C. Parsons, J. Williams, J. Cowan, and G. Kiemnec. 2001 to present. The annual pesticide training classes have traditionally been a team effort between Extension Agents in Union, Baker, and Wallowa Counties and EOU-OSU Agriculture Program Faculty. Pre-exam preparation classes are held in Jan/Feb within each county and require faculty to travel from county to county over a three day period. These classes are designed for re-certification credit and for preparing individuals to take the state private pesticide applicator and the Laws and Safety Exam as required for all other pesticide applicator licenses. The classes consist of a variety of on-site presentations (oral, Powerpoint, video, overheads, etc.) and interactive/written exercises. Each year, I develop and update educational materials utilized in this program, coordinate PAT work group efforts, and submit applications to the Oregon

Department of Agriculture for pesticide applicator re-certification credits in each county. In addition, I coordinate annual CORE private pesticide applicator training events (typically held in December) and apply for re-certification credits for each county. CORE events have been designed to utilize video conferencing technology.

#### **Statewide Wheat Marketing Education Series**

The Oregon Wheat Growers League and OSU Extension Service collaborate together to provide wheat marketing education to growers across the state via video conference technology. The objectives of the effort are to provide participants opportunity to learn commodity marketing fundamentals/techniques, identify current marketing trends/opportunities, and how analyze and apply marketing strategies. My role has been to facilitate and coordinate participation in NE Oregon and to facilitate additional learning activities/events beyond the scope of the monthly meetings.

#### **Western Cereal Leaf Beetle Working Group**

Work group was formed September 2004 with 24 members representing land grant universities, state departments of agriculture, and USDA-APHIS in Oregon, Washington, and Idaho; and Canada. The objective of the group is to coordinate biological control, research, and extension efforts in the PNW region. My role has been to interact with colleagues in the PNW region regarding CLB biological control efforts in the state/region, contribute research-based knowledge, and provide educational outreach to the ag industry.

#### **Pest Management Strategic Plan (PMSP) for Oregon, Washington, and Idaho Grass Grown for Seed**

Workgroup formed in response to the need of the PNW grass seed industry to develop a PMSP for the region. The PMSP identifies critical pest management needs (research, regulatory, and educational) and is used to support pesticide registrations, identify industry priority pest management needs, and improve access to federal funding for research and extension programs. My role was to present pest management issues for NE Oregon grass seed production and contribute to the overall development of the regional PSMP.

#### **OSU-CAS Dryland Cropping Systems Extension Working Group**

Walenta, D. L., M. Flowers, R. Karow, M. K. Corp, L. Lutcher, J. Maley, S. Macnab, B. Tuck, S. Petrie, and D. Wysocki. 2000 to present. OSU Extension Service county-based faculty and specialists in conjunction with OSU and USDA-ARS research staff work together in an on-going effort to support growers as they transition from winter wheat/fallow into annual/flexible cropping systems. The group meets each fall with Extension colleagues from Oregon, Washington, and Idaho to discuss issues relevant to all aspects of crop production, identify current educational needs for the region, and develop appropriate programs.



**OSU-CAS Grass Seed Production Extension Working Group**

Walenta, D. L., W. C. Young III, M. Butler, Rich Affeldt, Don Horneck, M. Mellbye, and Tom Silberstein, John Hart. 2000 to present. The program informs Oregon's grass seed growers about disease control, field burning alternatives, and weed/fertilizer management. Enterprise budgets, production guides, and research-based informal education programs are provided. Two important international aspects are work with the International Herbage Seed Group and help to China in utilizing Oregon grown grass seed for their turf grass needs. A sub-set of this workgroup will publish a new Kentucky Bluegrass Nutrient Management Guide in fall 2010.

**OSU-CAS Mint Production Extension Working Group**

Walenta, D. L., M. Butler, G. Gingrich, M. Mellbye, F. Crowe, W. C. Young III. 2000-present. As a research-based educational organization, the group provides educational programs for mint growers throughout the state, disseminates information from trials to evaluate varietal susceptibility to verticillium wilt, disease control strategies, fertilizer management, and weed management.

**f) International Teaching** - Not applicable.

## 2. Clientele Teaching Evaluations

Title of Presentation	Location	Date	Number of		Average Rating <sup>a</sup>
			Participants	Evaluators	
Union Co. MG Course	LaGrande	4-09	20	14	5.7 <sup>c</sup>
Pesticide Safety & Toxicity	Enterprise	1-09	16	16	5.1 <sup>c</sup>
Pesticide Safety & Toxicity	Baker City	1-09	17	15	5.6 <sup>c</sup>
Ergot Management	Prineville	10-08	45	20	5.1 <sup>c</sup>
MG Pesticide Safety	Baker Co.	3-08	14	14	3.6 <sup>a</sup>
Pesticide Safety & PPE	Union Co.	2-08	33	1	4.0 <sup>a</sup>
Pesticide Safety & PPE	Baker Co.	2-08	32	15	3.7 <sup>a</sup>
MG Pesticide Safety	Union Co.	4-07	24	8	3.8 <sup>a</sup>
Pesticide Labels	Union Co.	2-06	34	12	3.8 <sup>a</sup>
Pest. Safety & PPE	Union Co.	2-06	34	14	3.8 <sup>a</sup>
Pesticide Labels	Baker Co.	2-06	38	21	3.6 <sup>a</sup>
M.G. Pesticide Safety	Baker City	4-05	30	17	3.7 <sup>a</sup>
PAT Pest. Labels & Form	Enterprise	2-05	12	12	3.9 <sup>a</sup>
PAT Pest. Labels & Form	Baker City	2-05	11	8	3.7 <sup>a</sup>
CLB Bio& Mgmt	Pendleton	1-05	60	28	3.6 <sup>a</sup>
New Herbicides in Mint	Hermiston	12-04	75	3	3.5 <sup>a</sup>
PAT Pesticides and Safety	LaGrande	3-04	18	17	5.8 <sup>c</sup>
PAT Pest. Labels & Form	LaGrande	2-04	24	3	4.0 <sup>a</sup>
PAT Pest. Labels & Form	Baker City	2-04	19	3	3.7 <sup>a</sup>
Weed Mgmt in Wheat	Baker City	1-04	24	3	3.6 <sup>a</sup>
M.G. Pesticide Safety	LaGrande	3-03	6	5	3.6 <sup>a</sup>
CLB Biol & Mgmt	LaGrande	1-02	31	20	3.6 <sup>a</sup>
Hobo Spider-Eradication or Management?	LaGrande	8-01	45	8	3.8 <sup>a</sup>
Pest. Use Reporting System	LaGrande	10-01	30	9	3.6 <sup>a</sup>

<sup>a</sup> Average Rating – Workshop participants are asked to rate teaching and presentation skills on a numeric scale of 0 to 4. “0” being low or poor with no ability to “4” being high or excellent with complete ability. Individual scores are compiled and an average rating established.

<sup>b</sup> Evaluation scale was on a numeric scale of 1 to 5. “1” being ineffective to “5” being highly effective.

<sup>c</sup> Used Citizen Assessment of Extension Teaching Evaluation. Scale on a numeric scale of 1 to 6. “1” being very poor to “6” being excellent.

### 3. Peer Teaching Evaluations

Educational Event	Date	Peer Evaluator	Average Rating of Effectiveness
Wallowa Crop Tour	7-09	J. Williams	5.0 <sup>b</sup>
NE OR PAT	1-09	G. Kiemnec	5.0 <sup>b</sup>
West. Reg.Ext. PI Conf.	10-08	M. Bohle	5.0 <sup>b</sup>
West. Reg.Ext. PI Conf.	10-08	J. Williams	5.0 <sup>b</sup>
Baker Co. MG Course	3-08	J. Cowan	4.0 <sup>b</sup>
Pesticide Safety & PPE	2-08	G. Kiemnec	5.0 <sup>b</sup>
Pesticide Safety & PPE	2-07	J. Cowan	4.0 <sup>b</sup>
Pesticide Safety & PPE	2-07	J. Williams	5.0 <sup>b</sup>
Pesticide Records	2-06	G. Kiemnec	4.9 <sup>b</sup>
Pesticide Labels	2-06		4.9 <sup>b</sup>
Pesticide Labels/Formulations	2-05		5.0 <sup>b</sup>
CLB Biology & Mgmt	1-05		4.0 <sup>a</sup>
Weed Mgmt Diagnostics	1-05		4.0 <sup>a</sup>
Pesticide Labels/Formulations	2-04		3.9 <sup>a</sup>
Pesticide Labels/Formulations	2-04		3.8 <sup>a</sup>
Weed Mgmt in Wheat	1-04		3.8 <sup>a</sup>
CL B Biology & Mgmt	11-03		4.0 <sup>a</sup>
JGG Biology & Management	1-03		4.0 <sup>a</sup>
Field Crops Extension-Union	11-02		3.8 <sup>a</sup>
Cereal Leaf Beetle in OR.	2-02		5.0 <sup>b</sup>
Cereal Leaf Beetle in OR.	1-02		4.0 <sup>b</sup>
Pesticide Laws/Regulations	1-02		4.0 <sup>b</sup>
Pesticide Laws/Regulations	1-02		5.0 <sup>b</sup>
Pesticide Laws/Regulations	1-01		4.0 <sup>b</sup>

<sup>a</sup> Average Rating – Workshop participants asked to rate teaching/presentation skills on a numeric scale of 0 to 4. “0” being low or poor with no effectiveness to “4” being high or excellent with complete effectiveness. Individual scores are compiled and an average rating established.

<sup>b</sup> Evaluation scale was on a numeric scale of 1 to 5. “1” being ineffective to “5” being highly effective.

4. **Advising** - Not relevant to this position.

5. **Other Assignments**

a. **Routine Extension Education**

Newsletters: I have field crop responsibilities in Union, Baker, and Wallowa Counties, and produce a newsletter in cooperation with John Williams (Wallowa Co. Ext.). The

newsletter is a vital tool for getting information to approximately 3400 clients in the three counties and NE Oregon. The newsletter provides outreach and covers topics related to field crops, forages, sweet cherries, livestock, natural resource issues, seed certification information, meeting/workshop notification, and research results/summaries. *The Prompter/Rancher Review – A Union, Baker, and Wallowa County Farm and Ranch Newsletter* is produced on a bi-monthly basis except during the summer months) with issues released January, March, May, September, and December each year.

#### **b. Collaboration with other Extension Programs**

4-H Youth Development: Each year, I conduct a crop and weed identification contest during the Union County Fair. The contest includes a variety of live plant specimens (collected from the area), seeds, and plant mounts. The contest is conducted for both 4-H and FFA youth, in addition, to any adults interested in participating. Following the contest, I provide the participants with an interactive explanation of the correct plant/seed identification and basic crop/weed biology and ecology. [2009-10 project partner for the 4-H New York Exchange program. Organized, facilitated, and presented a tour of Union County agriculture and provided additional assistance to the program. Will serve as a chaperone for Union Co. 4-H students on the exchange trip to New York in August 2010.](#)

Master Gardener Program: I provide diagnostic service to home horticulturalists with turf, weed, and sweet cherry diagnostic services. In 2006, I taught 3 classes (2-Union Co., 1-Baker Co.) during the new Master Gardener trainee course: Pesticides and Safety class; Label Comprehension, and Cherry Fruit Fly Biology & Management.

Integrated Soil Nutrient and Pest Water Quality Education: Collaborated with Paul Jepson and Mary Staben, OSU, to create a regionally-focused education program in the area of pesticide management for water quality. Funding received from the USDA Western Region Integrated Pest Management Center to develop educational materials and conduct workshops in 2006.

#### **c. Administrative Duties**

Seed Certification Program: I have responsibility for overseeing the seed certification program in Union County and partial over-sight in Baker/Wallowa County. Responsibilities include supervision of the Seed Certification Aide, handling administrative responsibilities for this position, maintaining a working relationship with the campus-based program, and working with local participants in the OSU Seed Certification Program. [The Seed Certification Aide resigned September 30, 2009 which required me to physically fill-in to keep the program running while I went through the](#)

official process of re-classifying the position to a OSCS Aide 2 and re-filling the position. The OSCS Aide 2 was hired mid-December 2009.

Support Staff: I meet frequently with the Field Crops Secretary and Seed Certification Aide to schedule activities/program needs and keep each staff member current on program activities.

**b. Support of Other’s Teaching and Research**

I often serve as liaison between OSU researchers and campus-based faculty and local growers. Activities involve introducing new faculty to the local agricultural systems and clients, identifying research/educational needs, conducting research trials/workshops, locating research sites and cooperators, coordinating various meetings with growers, providing data/information, etc. A few of the faculty members I have provided assistance to include:

Dan Ball, OSU Weed Scientist	Carol Mallory-Smith, OSU Weed Scientist	Jim Peterson, OSU Wheat Breeder
	Dick Smiley, OSU Plant Pathologist	
Silvia Rondon, OSU Entomologist	Helmuth Rogg, ODA Entomologist	
Gary Brown, USDA-APHIS	Larry Calkins, OR-DEQ	
Mike Flowers, OSU Extension Cereal Specialist		
Steve Norberg, OSU Extension – Malheur Co.		

In 2001-02, Dr. Ball and I contacted growers/consultants in the Grande Ronde Valley and inspected field sites to determine research needs for minor weeds, such as alkaligrass and windgrass, in local grass seed production. I served in an unofficial capacity by providing field location and data gathering assistance to a graduate student, under the supervision of Dr. Dan Ball, whose project is entitled *Biology and Management of Minor Grass Weeds of Importance in Grande Ronde Valley Grass Seed Production*.

**c. Research and Demonstration:**

I engage in a variety of on-farm research and demonstration trials. The trials vary from small-scale replicated trials to large-scale replicated trials and large demonstration plots. I take on roles such as role in such research endeavors include identifying trial locations, coordinating with cooperators, designing and establishing trials, applying treatments, collecting data, interpretation of data, and reporting results. The trials serve as catalysts for interaction between growers and researchers during field tours thus enhancing impact.

**1) Small Grains Variety Trials, Nitrogen Management, and Specialty Grains**

**Situation:** Small grain production is an important component of NE Oregon

agriculture. Small grains are grown for certified seed production (value-added), as well as, for commodity markets. My program has engaged in various research and demonstration efforts to evaluate new grain variety performance and direct seed technology in NE Oregon. Of particular interest are local efforts to evaluate agronomic performance and grain quality of specialty spring barley cultivars which hold potential for new end uses (food-grade / pharmaceutical industries, etc.) and value added markets.

**Action:** Field research and demonstration projects were conducted in cooperation with OSU faculty members Don Wysocki, Nick Sirovatka, Andrew Ross, Mike Flowers, and Jim Peterson.

- 2 specialty (waxy type) spring barley variety X nitrogen rate trials (1-Wallowa Co, 1-Union Co.) were conducted in 2009 thus completing the field component of the study. Lab analysis will be completed winter 2009-10. Results will be published by the team.
- 2009-10 OSU Winter Elite Yield Trials – In 2009, I was able to negotiate a long-term agreement with a local producer to serve as a trial site-host for the OSU Wheat Breeding Program-Winter Elite Yield Testing Program. I utilized the WEYT trial site/yield data for 3 field tours (growers, public, and the Summer Ag Institute) and a winter wheat variety selection workshop which drew participation from Union and Wallowa Counties.

## **2) Alternative Crops**

**Situation:** Interest in renewable energy crops have caused a significant increase in local interest to grow oilseed crops and, in some cases, produce biofuels from locally grown crops. The region currently produces high-value certified seed crops such as canola and sunflower which require well-defined isolation zones to prevent cross-pollination. Commercial production of rapeseed for crushing purposes could threaten the production of the high value seed crops. Alternatives to rapeseed/canola crops need to be identified in order to prevent interference with the production of high-value specialty seed crops.

**Action:** Camelina is an ancient oilseed crop which does not cross-pollinate with rapeseed/canola, however, it is new to eastern Oregon. For the first time, 3 growers in NE Oregon contracted with Willamette Biomass Processors to produce approximately 70 acres of camelina in 2008 which resulted in much interaction between Extension, WBP, and the growers on production issues. I collaborated with Don Wysocki to evaluate agronomic performance of camelina in Union County and to provide educational outreach during a local field tour.

- 2 field trials were conducted in 2009 including a dryland camelina variety trial and a dryland camelina breeders seed variety trial.
- I organized, facilitated, and presented at an Oilseed Tour in Union County in July 2009. 15 participants interacted with OSU faculty on production, harvesting, and marketing aspects of camelina production.
- Camelina interest has increased with commercial production acreage increasing to 260 acres in 2009. Although interest is increasing the price is not, thus, may hamper further acreage expansion.

- Coordinate the canola/rapeseed field location mapping program in Union County and work with the canola/sunflower industry to address isolation issues, provide feedback to statewide CAO.

### **3) Insect and Disease Pest Management in Grass Seed Crops**

**Situation:** Grass seed producers in NE Oregon are currently challenged with the management of several insect species that have become more problematic in recent years which include a complex community of billbugs (*Spenophorus spp.*) and the Banks grass mite (*Oligonychus pratensis*). At this time, not much is known about pest biology and phenology within local grass seed production systems nor do we effective control techniques available (e.g. pesticides, biological control, cultural, mechanical, etc.).

**Action:** Field research and demonstration studies are currently underway to gather research-based knowledge to assist growers in management of these pests and to secure registration of effective pesticides and identify potential for increased ergopeptine alkaloid levels in grass seed residue utilized for livestock feed. Projects are cooperative efforts with local growers/consultants, Steve Alderman, Phil Hamm, and Sylvia Rondon.

- Field research project “Monitoring of Ergot Ascospore Release to Better Time Fungicide Application in NE Oregon Grass Seed Production” (includes the Grande Ronde Valley and the Columbia Basin) continued in 2009. Project was funded (\$12,000) through the Oregon Seed Council competitive grant program with Phil Hamm as the Principle Investigator and myself and Steve Alderman as Co-PIs.

#### **f) Educational Materials:**

[2010 Reference Guide for Kentucky Bluegrass and Fine Fescue Seed Growers in NE Oregon](#) – I created a reference guide for local leaders in the grass seed industry which includes key scientific journal articles, research reports, and reference materials of importance to the local grass seed industry. The scientific and technical documents are relevant to local/state research efforts in the areas of residue management, crop physiology, pest management, and fertility.

[2009 4-H Exchange Program “Reference Guide to Union County Agriculture”](#) – developed educational materials for the “Tour of NE Oregon Field Crop Production” tour participants (from Rensselaer Co., NY and Union Co., OR).

[Pesticide Applicator Training Materials](#) - I develop educational materials that are utilized in pesticide applicator training sessions both locally and by Extension faculty in Baker and Wallowa Counties. Materials include in-class exercises, relevant handouts and Powerpoint presentations which are updated annually.

[Private Pesticide Applicator Training Survey](#) – 2002 to present. Survey was developed by Janice Cowan and myself in order to measure effectiveness of the annual training

sessions and to identify revisions in curriculum and teaching efforts. Survey certified by the Institutional Review Board.

Grower Survey of the PNW Wheat Marketing Plan and Niche Market Development - (2002-03) I developed the survey with the assistance of fellow Crops Extension Agents in the Dryland Cropping Systems Working Group.

Educational Booth/Poster Display -

Walenta, D. L., H. Bowen, C. Carter. 2008. *Oregon State University Extension Service Union County*. Developed educational booth/poster display representative of the OSU Extension Service-Union County Field Crops, 4-H Youth Development, Forestry, and Master Gardener programs. Utilized at the 2008 Agriculture and Natural Resource Agency Day at OSU Ag Program at Eastern Oregon University and during the Marketing Extension Workshop (D. Hart) held in conjunction with the 2008 Outreach and Engagement Conference, Corvallis.

Video

2002. Co-sponsored the development of "Farming the Wind" workshop video.

**g) Other Activities:**

Smoke Management

The Union County Smoke Management Committee was formed during the fall of 2000 due to increased air quality and public health concerns related to field burning. The committee has worked for four years to improve smoke management efforts during the field burn season. My role has been to provide research and educational components for the program. In July 2003, I was appointed Chairman of the committee by the Board of County Commissioners to facilitate committee efforts. Key members of the committee represent growers, urban/rural residents, health professionals, County Commissioners, Oregon Dept. of Forestry, U.S. Forest Service, city officials, and smoke management officials.

Seed Crop Isolation Program: A large map is posted in the Union County Extension office to allow producers to identify field locations, thereby, preventing potential conflict. The isolation program is operated on a volunteer basis for the purpose of helping vegetable seed producers maintain adequate isolation requirements between open-pollinated crops and prevent cross-pollination contamination. I maintain isolation guidelines and past records of vegetable seed production in the area.

Integrated Pest Management:

Cherry Fruit Fly – Each year I run the phenology model (hosted by OSU-IPPC) with National Weather Service data for the area to predict the emergence of the Cherry Fruit Fly in Union County. Once the emergence date is determined I release media announcements for both the commercial orchards and the home horticulturalist. I work



with the county fruit fly inspector to communicate with commercial cherry producers and address issues surrounding CFF management.

Potato Insects – Each year I cooperate with the Potato Aphid Trapping Program, sponsored by the Oregon Potato Commission and the Blue Mountain Potato Growers, which provides weekly trap report data (aphid identification and counts) for dispersal to potato growers in Union and Baker County. Since 2004, weekly trap reports are delivered electronically to seed and commercial potato growers in Union and Baker Co. for more timely delivery of this critical information. Discovery of the potato tuber worm in 2005 warranted addition of PTW traps to the program in 2006 to further define the phenology and distribution of this new pest.

Field Visits/Diagnostic Efforts: Since 2000, I have visited numerous fields in Union, Baker, and Wallowa Counties to provide assistance to diagnose production problems and to identify options to help growers deal with the problems. Incorporated into these efforts is the expertise provided by University Faculty and research-based information.

Annual Crop Production and Ag Income Report: Each year I collect production acreage, yield, and farm-gate value data for a variety of commodities grown in Union and Baker County. The task is quite demanding due to the diverse nature of agriculture in both counties. Data is submitted to the OSU Extension Economic Information Office through the Oregon Agricultural Information Network and provides an overview of Oregon agriculture as whole and on a county level breakdown.

Annual Crop Weather Report: Each year I submit weekly crop weather reports to the Oregon Agriculture Statistics Service from April 1 through October 31.

Crop Water Use: Each year I provide information regarding crop development status to the Pacific Northwest Cooperative Agricultural Weather Network to be use in the AgriMet crop water use models.

## **C. SCHOLARSHIP AND CREATIVE ACTIVITY**

### **1. Publications**

#### **a. Refereed Journal Articles**

Young, F. L., J. P. Yenish, D. L. Walenta, D. A. Ball, and J. R. Alldredge. 2003. "Spring-germinating jointed goatgrass (*Aegilops cylindrical*) produces viable spikelets in spring-seeded wheat". *Weed Science* 51:379-385.

Walenta, D. L., J. P. Yenish, and F. L. Young. 2002. "Vernalization response of plants grown from spikelets of spring and fall cohorts of jointed goatgrass". *Weed Science* 50:461-465.

**b. Peer Reviewed Abstracts**

Walenta, D. L., P. B. Hamm, and S. C. Alderman. 2009. "Monitoring of Ergot Ascospore Release to Better Time Fungicide Application in NE Oregon Grass Seed Production". National Association of County Agricultural Agents Annual Meeting and Professional Improvement Conference. September 2009. Portland, OR. 1200 participants.

Walenta, D. L., P. B. Hamm, and S. C. Alderman. 2008. "Monitoring of Ergot Ascospore Release to Better Time Fungicide Application in NE Oregon Grass Seed Production". 7<sup>th</sup> Annual Western Region Extension Professional Development Conference. October 2008. Prineville, OR. 40 participants.

Walenta, D. L., S. Rao, B. Bai, R. Worth, K. Johnson, H. Rogg, and G. Brown. 2007. "Biological Control and IPM Development for the Invasive Cereal Leaf Beetle in Oregon". 91<sup>st</sup> Annual Meeting of the Pacific Branch of the Entomological Society of America. March 2007. Portland, OR.

Walenta, D. L., S. Rao, B. Bai, R. Worth, K. Johnson, H. Rogg, and G. Brown. 2006. "Development of an Integrated Cereal Leaf Beetle Management Program in Oregon". 5<sup>th</sup> National IPM Symposium. April 2006. St. Louis, MO

Walenta, D. L. and S. Rao. 2005. Development of an Integrated Cereal Leaf Beetle Management Program in Oregon. 64<sup>th</sup> Annual Pacific Northwest Insect Management Conference. January 2005. Portland, OR.

Kiemnec, G. and D. L. Walenta. 2004. Alternative Phosphorus and Potassium Fertilization Strategies for Grass Seed Production in the Grande Ronde Valley. Grass Seed Cropping Systems for a Sustainable Agriculture Annual Review. Moscow, ID.

**c. OSU Numbered Publications – Peer Reviewed**

Diebel, P. L., L. R. Gow, and D. L. Walenta. 2009. An Economic Comparison of Alternative Bluegrass Residue Management Practices in Oregon's Grande Ronde Valley. OSU Experiment Station Special Report 1090.

Walenta, D. L., P. B. Hamm, and S. C. Alderman. 2008. Monitoring of Ergot (*Claviceps purpurea*) Ascospore Release to Better Time Fungicide Application in NE Oregon Grass Seed Production. OSU CSS Seed Production Research Report.

Ext/CsS 128. Pp 34-38. Published March 2009.

S. I. Rondon and D. L. Walenta. 2008. Quest for Billbug Management Tools in Grass Seed in Eastern Oregon: Preliminary Findings. OSU CSS Seed Production Research Report. Ext/CsS 128. Pp 98-100. Published March 2009.

Walenta, D. L. 2005. Insecticide/Miticide Efficacy for Banks Grass Mite Control in Established Kentucky Bluegrass Grown for Seed in the Grande Ronde Valley of Northeastern Oregon. OSU Dept. of Crop and Soil Science Seed Production Research Report. Ext/CrS 125. pp 82-83. Published April 2006. Role: lead author, co-principal investigator, data analysis, assist with field research.

Walenta, D. L. and C. R. McNeal. 2005. Application Timing Effect of Selected Insecticides for Billbug Control in Kentucky Bluegrass Seed Production in the Grande Ronde Valley of Northeastern Oregon. OSU Dept. of Crop and Soil Science Seed Production Research Report. Ext/CrS 125. pp 84-86. Published April 2006. Role: lead author, co-principal investigator, data analysis, assist with field research.

Kiemnec, G. L., D. L. Walenta, and C. R. McNeal. 2005. Effect of P and K Fertilization Strategies on Kentucky Bluegrass Seed Production. OSU Dept. of Crop and Soil Science Seed Production Research Report. Ext/CrS 125. pp 82-83. Published April 2006. Role: co-author, co-principal investigator, assist with field research.

Walenta, D. L., S. Rao, C Mcneal, B. Quebbeman, and G. C. Fisher. 2004. *Sphenophorus spp.*, A Complex Billbug Community Infesting Kentucky Bluegrass Seed Fields in the Grande Ronde Valley of NE Oregon. OSU Dept. of Crop and Soil Science Seed Production Research Report. Ext/CrS 124. pp 53-56. Published April 2005. Role: lead author, co-principal investigator, data analysis, assist with field research.

Kiemnec, G. and D. L. Walenta. 2004. Effect of Phosphorus and Potassium Fertilization Strategies on Kentucky Bluegrass Seed Production. OSU Dept. of Crop and Soil Science Seed Production Research Report. Ext/CrS 124. pp 57. Published April 2005. Role: co-author, co-principal investigator, assist with field research.

Walenta, D. L., P. L. Diebel, L. R. Gow, and G. L. Kiemnec. 2003. "Evaluation of Alternative Residue Management Methods for Kentucky Bluegrass Seed Production in the Grande Ronde Valley". OSU Dept. of Crop and Soil Science Seed Production Research Report. Ext/CrS 123. pp 67-68. Published March 2004. Role: Lead author, principal investigator, conduct field research and data analysis.

Rao, S., B. Quebbeman, and D. L. Walenta. 2003. "Host Range of the Cereal Leaf Beetle, an Emerging Pest in Oregon". OSU Dept. of Crop and Soil Science Seed Production Research Report. Ext/CrS 123. pp 50-51. Published March 2004.

Walenta, D. L., P. L. Diebel, L. R. Gow, and G. L. Kiemnec. 2002. "Evaluation and Cost Analysis of Alternative Residue Management Methods for Kentucky Bluegrass Seed Production in the Grande Ronde Valley". OSU Crop and Soil Science Department Seed Production Research Report. Ext/CrS 122. pp 54-55. Published May 2003.

Rao, S., B. Quebbeman, and D. L. Walenta. 2002. "Response of Overwintering Cereal Leaf Beetle Adults to Aggregation Pheremone in the Field". OSU Crop and Soil Science Department Seed Production Research Report. Ext/CrS 122. pp. 48-49. Published May 2003.

Rao, S., B. Quebbeman, and D. L. Walenta. 2001. "Field Evaluation of Cereal Leaf Beetle Pheremone in Oregon". OSU Crop and Soil Science Department Seed Production Research Report. Ext/CrS 121. pp. 84-85. Published April 2002.

#### **d. Non-Refereed**

##### Abstracts

Walenta, D. L., P. Hamm, and S. A. Alderman. March 2009. 6<sup>th</sup> International IPM Symposium. "Monitoring of Ergot (*Claviceps purpurea*) Ascospore Release to Better Time Fungicide Application in NE Oregon Turf Grass Seed Production". Portland, OR. 700 participants.

Walenta, D. L., D. Wysocki, and S. Ott. 2003. "Nitrogen Management in Direct Seeded Spring Grains – Working Towards Economic and Environmental Sustainability". Oregon Association of Agricultural Extension Agents Professional Improvement Conference Proceedings. December 2003. Madras, OR.

Walenta, D. L., G. H. Cook, B. Quebbeman, J. Hart, K. Dieble, G. Kiemnec, and N. Christensen. 2000. "Nutrient Distribution for Union County Peppermint Production". OSU Extension Service Annual Conference. September 2000. Corvallis, OR

##### Technical Conference Proceedings, Reports, and Other Technical Reports

Rondon, S.I. and D. Walenta. 2009. Studying Billbugs in Grass Seed in Eastern Oregon. *In Proc.* 68<sup>th</sup> annual Pacific Northwest Insect Management Conference. Portland, OR. Section V.

Walenta, D. L. and S. Rao. Cereal Leaf Beetle Update. 2006 Oregon Wheat Commission Annual Update.

Rao, S. and D. L. Walenta. October 2005. Cereal Leaf Beetle Management in Oregon. Oregon Wheat. Volume 57. Number 5.

Walenta, D. L. and S. Rao. January 3, 2005. Development of an Integrated Pest Management Program for the Cereal Leaf Beetle (*Oulema melanopus*) in Oregon. 64<sup>th</sup> Annual PNW Insect Management Conference Proceedings.

Colquhoun, J., C. Mallory-Smith, R. Affeldt, C. Cole, B. Brewster, and D. L. Walenta. 2005, 2004, 2003. "Weed Control in Peppermint". Oregon Mint Commission Final Report.

Kiemnec, G. and D. L. Walenta. 2004. "Alternative Phosphorus and Potassium Fertilization Strategies for Grass Seed Production in the Grande Ronde Valley". Grass Seed Cropping Systems for a Sustainable Agriculture. Technical Report.

Rao, S., G. Fisher, D. Ehrensing, D. L. Walenta, and A. Cosse. 2003. "Cereal Leaf Beetle in Oregon: Potential Impacts on Grass Seed Production". Grass Seed Cropping Systems for a Sustainable Agriculture. Technical Report.

Yenish, J. P., D. L. Walenta, F. L. Young, D. A. Ball, and E. Gallandt. 2001. "Jointed Goatgrass Seed Production in Spring Wheat". Proc. West. Soc. of Weed Sci. 54:66-67.

Quebbeman, B., D.L. Walenta, and M. Morris. 2002, 2001. "Registration of New Insecticides for Mint". Annual Report to the Oregon Mint Commission.

Web Site:

[OSU Extension Service – Union County Web Site: Field Crops Program page.](#)

[CLB Research in Western North America Archive contributor:](#)

<https://research.wsulibs.wsu.edu:8443/jspui/handle/2376/1928/>

Miscellaneous Extension Publications

[Walenta, D. L. 2009, 2008, 2007, 2006, 2005, 2004, 2003, 2002.](#) Annual Report of CLB Infestation and Economic Impact on Small Grains Production in NE Oregon.

[Walenta, D. L. 2009, 2008, 2007, 2006, 2005, 2004, 2003, 2002, 2001.](#) "Profile of Agriculture in Union County, Oregon".

2008 Economic Impact of Grasshopper Infestations to Agricultural Producers in Baker, Union, and Wallowa County of NE Oregon.

2008 Walenta, D. L., J. McMorran, K. Dewitt. NE Oregon Potato Production Fact Sheet for 2007.

Walenta, D. L. November 2008. Extension Connection-IPM: Integrate to Mitigate. Published in The Observer.

Walenta, D. L. May 2008. Extension Connection-What's Cropping Up In NE Oregon. Published in The Observer.

Fisher, G., M. Mellbye, D. Walenta, M. Butler, and S. Rao. 2004. "Oregon's Grass Seed Crops: A Case for Pesticide Development & Registration to Reduce Increasing Economic Loss from Insects, Mites, and Slugs".

Smith, C., D. L. Walenta, P. Oester, R. Mills, and K. Long. 2002-03. "Oregon State

- University – Union County Extension Service”. Authored two articles for the publication entitled “Field Crops Extension Program” and “Agriculture and Timber, Vital Components of the Union County Economy”.
- Walenta, D. L. 2004, 2003, 2002, 2001. Union County Grass Seed Production and Burn/Non-Burn Acreage Summary.
- Walenta, D. L. 2001. “Cherry Fruit Fly Control District and Control Options”. 2-page fact sheet for Union County residents.
- Walenta, D. L. and Jim McIver. 2001. “The Life and Times of the Hobo Spider (*Tegenaria agrestis*)”. 2 page article/fact sheet.
- Walenta, D. L. 2001. Cereal Leaf Beetle. 2-page fact sheet.
- Walenta, D. L. 2002, 2001. “The Role and Responsibilities of an OSU Field Crops Extension Educator”. 1-page fact sheet for college freshman.
- Case, D., D. Walenta, G. H. Cook. 2001. “The Rural Look of Union County” brochure.

## **2. Professional Meetings, Symposia, and Conferences**

### **a. National and International Invited Presentations**

Walenta, D. L., P. Hamm, and S. A. Alderman. September 2009. 94<sup>th</sup> National Association of County Agricultural Agents Annual Meeting and Professional Improvement Conference. “Monitoring of Ergot (*Claviceps purpurea*) Ascospore Release to Better Time Fungicide Application in NE Oregon Turf Grass Seed Production”. Portland, OR. 1200 participants.

Walenta, D. L., P. Hamm, and S. A. Alderman. March 2009. 6<sup>th</sup> International IPM Symposium. “Monitoring of Ergot (*Claviceps purpurea*) Ascospore Release to Better Time Fungicide Application in NE Oregon Turf Grass Seed Production”. Portland, OR. 700 participants.

5<sup>th</sup> National Integrated Pest Management Symposium. “Development of an Integrated Cereal Leaf Beetle (*Oulema melanopus*) Management Program in Oregon”. April 2006. St. Louis, MO. 650 participants from 23 different countries. Presenter.

### **b. Regional Invited Presentations**

7<sup>th</sup> Annual Western Region Extension Professional Development Conference. “Monitoring of Ergot Ascospore Release to Better Time Fungicide Application in NE Oregon Grass Seed Production”. October 2008. Prineville, OR. 40 participants.

Walenta, D. L., S. Rao, B. Bai, R. Worth, K. Johnson, H. Rogg, and G. Brown. 2007. “Biological Control and IPM Development for the Invasive Cereal Leaf Beetle in Oregon”.

91<sup>st</sup> Annual Meeting of the Pacific Branch of the Entomological Society of America. March 2007. Portland, OR. 100 participants. Presenter.

Walenta, D. L. "Integrated Pest Management Program for Cereal Leaf Beetle in Cereals". USDA Regional Integrated Pest Management Workshop. May 2-3, 2005. Pendleton, OR. 25 participants. Presenter.

Walenta, D. L. and S. Rao. "Development of an Integrated Cereal Leaf Beetle Management Program in Oregon". 64<sup>th</sup> Annual PNW Insect Management Conference. January 3, 2005. Portland, OR. 40 participants: Scientists, Extension Specialists, Ag-Professionals, Industry Reps. Presenter.

Walenta, D. L. "Cereal Leaf Beetle Biology, Management, and Research". OSU Statewide Extension Post-Harvest Cereal Research Review. September 2004. Pendleton, OR. 35 participants: Extension/Research Faculty from Oregon and Washington. Presenter

Walenta, D. L. "Cereal Leaf Beetle Biological Control and Research Update". Columbia Basin Cereal Research Review. September 2002. Port of Morrow, OR. 45 participants: Extension/Research Faculty from Oregon and Washington. Presenter.

Walenta, D. L., D. Wysocki, and S. Ott. "Nitrogen Management in Direct Seeded Spring Grains – Working Towards Economic and Environmental Sustainability". Oregon Association of Extension Agriculturalists Professional Improvement Conference. December 2003. Madras, OR. 25 participants: College of Agriculture and Extension Faculty. Presenter.

### **c. Volunteered Regional Posters**

Wysocki, D., N. Sirovatka, D. L. Walenta, and M. Flowers. "Direct Seeded Specialty Spring Barley Variety and Nitrogen Rate Trials – NE Oregon". NW Direct Seed Cropping Systems Conference. January 2010. Kennewick, WA. 600 participants.

Kiemnec, G. and D. L. Walenta. "Kentucky Bluegrass Response to Applications of Phosphorus and Potassium". PNW Grass Seed Cropping Systems for a Sustainable Agriculture Annual Meeting. November 2004. Moscow, ID. 75 participants: Extension/Research Faculty and ag-professionals from the PNW.

Walenta, D. L., D. Wysocki, and S. Ott. "Response of Direct Seeded Spring Wheat and Barley Cultivars to Nitrogen". Northwest Direct Seed Conference. January 2004. Pendleton, OR. 200 participants.

Walenta, D. L., D. Wysocki, and S. Ott. "Variety and Nitrogen Response of Direct Seeded Spring Wheat and Barley in Union County". Oregon Wheat Industry Annual Conference. December 2003. Portland, OR. 212 participants.

Quebbeman, B., D. L. Walenta, and M. Morris. "Registration of New Insecticides for Mint". Oregon Essential Oil Growers League Annual Meeting. January 2002. Gleneden Beach, OR. 125 participants.

Walenta, D. L., G. H. Cook, B. Quebbeman, J. Hart, K. Diebel, G. Kiemnec, and N. Christensen. "Nutrient Distribution for Union County Peppermint Production". OSU Extension Service Annual Conference. September 2000. Corvallis, OR. 175 participants.

### **3. Grants and Contracts**

The following is grower, industry, and governmental support of research and extension projects for which I am principal and/or co-principal investigator. Grants awarded specifically into my research and extension program are indicated within parenthesis.

#### 2009

Project Title: Kentucky Bluegrass Nutrient Management Guide.

Project Leader: Rich Affeldt

Co-Principle Investigators: Darrin L. Walenta, Gary Kiemnec, Don Horneck, John Hart

Grantor: Oregon Nat. Res. Cons. Service Funding Amount: \$10,000

Role: Summarize KBG production and fertility practices utilized in NE Oregon, contribute locally generated data, review/edit nutrient management guide.

Project Title: Grass Seed Crop IPM: Ergot Phenology and Management with Fungicides.

Project Leader: Phil Hamm

Co-Principle Investigators: Darrin L. Walenta, Steve Alderman

Grantor: Oregon Seed Council Funding Amount: \$12,000

Role: Conduct trials in NE Oregon, summarize data, co-write reports, disseminate results at professional and grower outreach events.

#### 2008

Project Title: Entomopathogens for Billbug Control.

Project Leader: Silvia Rondon Co-Principle Investigators: Darrin L. Walenta

Grantor: Oregon Seed Council Funding Amount: \$7,000

Role: Conduct trials in NE Oregon, summarize data, co-write reports, disseminate results at professional and grower outreach events.

Project Title: Monitoring Ergot Ascospores to Better Time Fungicide Application.

Project Leader: Darrin L. Walenta

Co-Principle Investigators: Phil Hamm, Steve Alderman



Grantor: Oregon Seed Council Funding Amount: \$7,000  
Role: Conduct trials in NE Oregon, summarize data, co-write reports, disseminate results at professional and grower outreach events.

### 2007

Project Title: Specialty Barley Research  
Project Leader: Mike Flowers  
Co-Principal Investigators: Darrin Walenta and Don Wysocki  
Grantor: Oregon Grains Commission Funding Amount: \$9,000  
Role: Grant continues efforts to complete a 2 year study on the adaptation and management of specialty barley types. My role will be to serve as co-principal investigator, assist with design and establishment, dissemination of results, and publication of results.

### 2007

Project Title: Biological Control Efforts for Invasive Cereal Leaf Beetle in Oregon  
Project Leader: ODA-IPPM Division Supervisor  
Co-Principal Investigators: Helmuth Rogg, Barry Bai and Darrin Walenta  
Grantor: US EPA Region 10 Pesticide Environmental Stewardship Program  
Funding Amount: \$49,526  
Role: Conduct research on yield loss potential and economic threshold levels for CLB in commercial spring grain fields in NE Oregon depending upon CLB populations. Summarize and disseminate research results and CLB biological control educational outreach activities.

### 2006

Project Title: Field Scale Evaluation of Specialty Barley Varieties.  
Project Leader: Mike Flowers  
Co-Principal Investigators: Darrin Walenta and Don Wysocki  
Grantor: Oregon Grains Commission Funding Amount: \$6,000  
Role: I initiated a field study to evaluate waxy spring barley and wheat in spring 2006 in Union County with cooperation from Don Wysocki. This project leveraged additional support and collaboration with Mike Flowers and grant support from the Oregon Grains Commission. For this new study, my role will be to serve as co-principal investigator, assist with design and establishment, disseminate results, and publish results. The project also obtained collaborative support from Andrew Ross who will conduct grain quality analysis

### 2004

Project Title: Cereal Leaf Beetle: Evaluation of Yield Impact and Pheremone Trapping.  
Project Leaders: Darrin L. Walenta and Sujaya Rao.  
Grantor: Oregon Wheat Commission Funding Amount: \$25,575 (\$25,575)  
Role: Co-principal investigator, proposal co-author, design and establish field trials, collect/process field data, write reports, dissemination of results to clientele and peers.

Project Title: Grande Ronde Valley and Central Oregon Grass Seed Insect Pest Research.  
Project Leaders: S. Rao, D. L. Walenta, and M. Butler  
Grantor: Oregon Seed Council Funding Amount: \$6,250 (\$3125)  
Role: Co-principal investigator, proposal co-author, assist with plot design/establishment/data collection, facilitate researcher meetings, write reports for Grande Ronde Valley component, dissemination of results to clientele and peers.

### 2003

Project Title: Comparison of the Impacts of Thermal and Non-Thermal Residue Management Strategies on Abundance and Management of Insect Pests Associated with Kentucky Bluegrass in Eastern and Central Oregon.  
Project Leaders: Sujaya Rao, Marvin Butler, Darrin L. Walenta  
Grantor: Oregon Seed Council Funding Amount: \$17,000 (\$8,500)  
Role: Co-principal investigator, assist with plot design/establishment/data collection, facilitate researcher meetings, write reports for Grande Ronde Valley component, dissemination of results to clientele and peers.

Project Title: Alternative Phosphorous and Potassium Fertilization Strategies for Grass Seed Production in the Grande Ronde Valley, Union County, OR.  
Co-Principal Investigators: Gary Kiemnec, Darrin L. Walenta  
Grantor: Grass Seed Crop Systems for Sustainable Ag Funding Amount: \$10,420  
Role: Co-principal investigator, assist with field work, review/edit reports & poster.

Project Title: Application Timing Effect of Selected Insecticides for Billbug and Banks Grass Mite Control in Kentucky Bluegrass.  
Co-Principal Investigators: Darrin L. Walenta and Craig McNeal  
Grantor: FMC Corp. Funding Amount: \$1,000 (\$1,000)  
Role: Co-principal investigator, study design/establishment, data collection/analysis, disseminate results to clientele and peers.

Project Title: Evaluation of Alternative KBG Residue Management Methods.  
Principal Investigator: Darrin L. Walenta  
Grantors: Oregon Seed Council (\$3155 ); Grower Assoc. (\$1,675 ), Ag Industry (\$680)  
Funding Amount: \$5510 (\$5510)  
Role: Principle investigator, data collection/analysis, write reports.

### 2002

Project Title: Union County Air Quality Monitoring and Health Information Program  
Principle Investigator: J. Lamoreau, Co. Commissioner; J. Howard, former Co. Com.  
Grantor: Environmental Protection Agency Funding Amount: \$36,000  
Role: Project Cooperator. Provide grant service at request of Board of Commissioners.

Project Title: Evaluation and Cost Analysis of Alternative Residue Management Methods for Kentucky Bluegrass Seed Production in the Grande Ronde Valley.

Principle Investigator: Darrin L. Walenta.

Grantor: Ag. Res. Found. – Venture Capital Prog. Funding Amount: \$9,980 (\$9,980)

Role: Principle Investigator, authored proposal, plot design/establishment, data collection and analysis, write reports, co-ordinate economic analysis with EOU-OSU Ag Program Faculty co-investigators, disseminate results.

Project Title: Grass Seed Residue Management

Principal Investigator: Darrin L. Walenta

Grantor: Oregon Seed Council

Funding Amount: \$4,000 (\$4,000)

Role: Authored proposal, data collection/analysis, write reports.

### 2001

Project Title: Union County Direct Seeding Incentive Program.

Principle Investigators: K. Diebel, D. L. Walenta, S. Hendrickson, Dale Case, M. Burton

Grantor: Oregon Watershed Enhancement Board, Environmental Protection Agency

Funding Amount: OWEB - \$45,000, EPA - \$15,000

Role: Conducted pre-program survey, assist with grant proposal, evaluate program applications, co-ordinate/facilitate program meetings, disseminate results.

## **D. SERVICE**

### **1. University Service**

#### College of Agricultural Sciences

[Stakeholder & Faculty Meetings with CAS Dean Thayne Dutson. May 2008. Union and OSU Ag Program at EO.](#)

#### Crop and Soil Science Department:

[OSU-CSS Faculty Mentoring Committee – 2007 to present.](#)

[OSU-OSCS Oregon Mint Rootstock Certification Advisory Committee. 2006 to present.](#)

2007 OSU-CSS Seed Certification Manager Search Committee.

CSS Dept. Extension Staffing Planning Group. 2004-2006.

Statewide Dryland Cropping Systems Extension Working Group. 2000 – present.

Statewide Grass Seed Production Extension Working Group. 2000 – present.

Statewide Mint Production Extension Working Group. 2000 – present.

Columbia Basin Ag Research Center Liaison Committee member. 2000 - present.

CSS Dept. Extension Weed Specialist Screening Committee. 2006.

CSS Dept. Director of Seed Services Screening Committee. 2006.

CSS Dept. Internal Reviewer – Candidate Dossier for Promotion. 2006.

CSS 499/599 Cropping Systems for Sustainability-Paper Reviewer. 2004.

### College of Agriculture Sciences

Eastern Oregon University and Oregon State University Collaboration Meeting. 2005.  
Assisted in the nomination of three local individuals for recognition by the CAS Ag Hall of Fame, Diamond Pioneer, and Portland Chamber Com. Seedsman of the Year. 2002.

### OSU Extension:

OSU Extension Outreach & Engagement Conference Poster Session Committee member and Abstract Reviewer. 2004 to present.

OSU Agriculture Program and Eastern Oregon University – Ag and Natural Resource Program Orientation. 2008, 2007, 2006, 2005, 2002, and 2001.

OSU Extension Service Annual Conference Planning Committee. 2006.

OSU Ext. Service Career Orientation at Regional High School Student Career Day – 2001.

OSU Extension Service Union County Office Specialist I Search Committee. 2003.

Union County Extension office facilities renovation and re-design. Contributed time and labor towards remodel and re-organization of office floor plan/storage. 2006, 2001.

## **2. Service to the Profession**

Western (OR, WA, ID) Cereal Leaf Beetle Work Group. Member, 2004-present.

Northwest Creeping and Chewings Fescue Association. Advisor – 2009, 2007, 2005, 2003, 2001. Ex-officio member: 2000-present.

OSU Extension Association. Member. 2000, 2001, 2004 to present.

OSU Ag Extension Association. Member. 2004 to present. Fund Raising Committee for 2009 Annual Meeting and Professional Improvement Conference (Host – Oregon).

Oregon Society of Weed Science. President: 2004-2005-2006. Eastern Oregon Director: 2002-2004. Member 2002-present.

2005 National Plant Diagnostic Network – Western Region Standard Operating Procedure Exercise. October 2005.

## **3. Service to the Public (Professionally-related)**

Oregon Ag Education Foundation Summer Ag Institute Session 2. July 2009. LaGrande. 2000 to present.

Union Co. Smoke Management Committee. **Chairman: 2003–present.** Member 2000–present.

Annual Union Co. Chamber of Commerce Farmer-Merchant Banquet Board of Directors. Awards Committee Co-Chairman. 2000 – present.

Union County NRCS Local Working Group member. 2002 – present.

Union County Assessor's Farm Advisory Board. Member. 2000 – present.

Union Co. Grass Seed Growers Assoc. Ex-officio member. 2000-present.

Union, Baker, and Wallowa Co. Wheat League. Ex-officio member. 2000-present

Union County Agri-Tourism Workgroup. 2009, 2008.

2008 Union Co. Board of Commissioners Exploratory Panel Discussion for Peppermint Bi-Product Chemical Separation. October 2008.  
2008 Union County Chamber of Commerce Fall Tourism Summit. October 2008.  
2008 Catherine Creek Corridor Improvement District Flood Damage Meetings. May and August 2008.  
2007-08 Union County Seed Potato Production Workgroup.  
2008. Boardman to Hemingway Transmission Line Project Scoping Meeting.  
Eagle Cap Resource Conservation and Development Council. 2007 Steering Committee, 2002 – present.  
Union Co. Farm Service Agency County Committee. Ex-officio member. 2000 – 2007.  
(note: Federal restrictions now prevent Extension participation).  
2007 Ethanol Production Potential in Union County Board of Commissioners Workgroup. 12 participants. Agriculture Resource Participant.  
2005 Oregon FFA State Soils Judging Contest. Co-organizer/facilitator. 200 participants.  
LaGrande Particulate (PM<sub>10</sub>) Maintenance Plan Committee, 2004-present.  
Union Co. Mint Growers Association. Ex-officio member. 2000-present.  
Union County Emergency Board. Technical Assistance. 2001 – present  
Union County Straw/Forage Market Development Committee. 2001, 2002.

#### **4. Service to the Public (Non-professionally related)**

2009 Oregon FFA State Convention Career Development Event Judge – Extemporaneous Public Speaking. March 2009. La Grande, OR.  
Eastern OR FFA District Leadership Career Development Event. Speech Contest Judge. 2008, 2007, 2001 to 2003.  
First Lego Robotics League “Climate Connections to Local Communities”. Served as technical advisor to local junior high school team. 2008.  
Union FFA Chapter National Convention Fund Committee – 2007.  
Assistant coach for Little League girls softball – 2007, 2005, 2004, 2003, 2001; Coach Pitch – 2003.  
Eastern Oregon Livestock Show – “Breakfast Crew” volunteer 2003 to 2007.  
Union County Century Farm and Ranch Committee. Member 2002 – present.  
Assisted in the nomination of three local individuals for recognition by the CAS Ag Hall of Fame, Diamond Pioneer, Portland Chamber of Commerce Seedsman of the Year. 2002.

#### **E. AWARDS**

Western Extension Directors Association Regional Award of Excellence for the Western CLB Workgroup Team. July 2009.  
Regional Integrated Pest Management Team Award. Pacific Branch of the Entomological Society of America. March 2009.  
OSU Extension Association Newer Faculty Award. 2006.

National Assoc. of County Ag. Agents Communication Award– Team Newsletter. 2006.

## F. PROFESSIONAL DEVELOPMENT

### Professional Meeting Participation:

National Association of Ag Agents (94<sup>th</sup>) Annual Meeting and Professional Improvement Conference. September 2009. Portland, OR.

6<sup>th</sup> International Integrated Pest Management Symposium. April 2009. Portland, OR.

7<sup>th</sup> Annual Western Region Extension Professional Development Conference. October 2008. Prineville, OR.

Oregon Ag Extension Association Meeting and Planning for 2009 AMPIC. October 2008. Prineville, OR.

Oregon Society of Weed Science Annual Meeting. 2008, 2007, 2006, 2005, 2004, 2003, 2002 - Hood River, OR.

Pacific Branch of the Entomological Society of America 91<sup>st</sup> Annual Meeting. March 2007. Portland, OR.

Grass Seed Cropping Systems for a Sustainable Agriculture Annual Meeting. 2006 – Moscow, ID 2002 - Portland, OR; 2000-Pasco, WA.

64<sup>th</sup> Annual PNW Insect Management Conference. January 2005. Portland, OR

### Professional Society Membership:

National Association County Agricultural Agents. 2004-present.

Oregon State University Extension Association. 2004-present, 2001, 2000

Oregon Agriculture Extension Association. 2004-present

Oregon Society of Weed Science. 2001 – present.

International Herbage Seed Group. 2001 – present.

Oregon Essential Oil Producers Association member. 2000 – present.

Western Society of Weed Science member. 1998-2000.

### In-service Training:

OSU-CSS Department Spring Conclave. Corvallis. March 2009, 2008, 2007, 2006, 2004, 2003, 2002, 2001

Columbia Basin Dryland Cropping systems Extension Annual Meeting. Pendleton, OR. Sept. 2009, 2007, 2006, 2005, 2004, 2000; Port of Morrow, OR. 2003, 2002, 2001.

Hermiston Ag Research and Extension Center Grass Seed Field Day. 2009, 2008, 2007, 2006, 2005, 2002.

Oregon Seed Growers League Annual Conference. Dec. 2009-2007 (Salem). 2000-2006.

2009 OSU Civil Rights Training. March 2009.

2009 OSU Motor Pool Van Safety Training. June 2009.

OSU-CSS Dryland Workgroup Crops Agent Spring Tour. Various locations – 2007, 2005, 2004, 2003, 2002.

OSU Sexual Harassment Prevention Training. On-line Training. Completed Oct. 2007.

2007 First Aid/CPR Training.

OSU-Columbia Basin Agriculture Research Center – Pendleton Station Field Day. 2002-2007.  
Hermiston Ag Research and Extension Center Potato Field Day. June 2007.  
Oregon Essential Oil Growers League Annual Research and Industry Conference.  
Glenden Beach, OR. January 2009, 2007, 2005  
OSU Extension Annual Conference. Corvallis, OR. September 2000, 2001, 2002, 2004,  
2005.  
OSU-Crop and Soil Science CSREES Review. April 2005.  
Oregon Agriculture Extension Association annual meeting. Corvallis, OR. 2000, 2001;  
Prineville, OR. 2002; Madras, OR. 2003.  
STEEP Research Review. Pasco, WA. October 2006.

Soil Quality Workshop. Pendleton, OR. May 2005.  
Dept. of Homeland Security First Detector Training and Biotechnology Outreach  
Program. Corvallis, OR. April 2005.  
Technology Transfer and Extension Programs: Perspectives from Canada and the U.S.  
LaGrande, OR. July 2004.  
Cereal Quality 101 Workshop. Corvallis, OR. March 2004.  
Southern Region Pesticide Safety Train-the-Trainer School. North Carolina State  
University. Raleigh, N.C. September 2003.  
OSU Clearfield Wheat Licensing and Stewardship Workshop. Pendleton, OR. June 2003.  
Sweet Cherry Short Course. Yakima, WA. 2003.  
Northwest Direct Seed Conference. Pasco, WA. 2003; Pendleton, OR. 2004.  
IRB Certification - Human Participants Protection Education for Research Teams on-line  
training course. Certified by the National Institutes of Health on 12/31/02.  
Soil Fertility and Nutrient Management Workshop. The Dalles, OR. 2002.  
Potato Disease Identification Workshop. HAREC-Hermiston, OR. 2002.  
OSU Grass Seed Research Review. Corvallis, OR. 2002.  
OR-DEQ Air Quality Monitoring Equipment Training. LaGrande, OR. 2002.  
Eastern Oregon Grass Seed Production Research Meeting. HAREC-Hermiston, OR. 2002.  
Program Planning and Evaluation: A Workshop for Extension Faculty. LaGrande, OR.  
2002.  
Video Streaming and Video Conferencing Workshop. LaGrande, OR. 2002.  
EPA Regional Public Forum on Agricultural Field Burning. Pendleton, OR. 2001.  
Oregon Ag Chemical & Fertilizer Assoc. Safety Seminar. Pendleton, OR. 2001.  
Paul Axtell “Conversational Skills” Workshop. Pendleton, OR. 2001.  
Regional OSU Computer Training – Outlook, Publisher, Access. La Grande, OR. 2001.  
OSU Seed Certification Review and Update. Hermiston, OR. 2000.  
OSU New Employee Orientation. Corvallis, OR. 2000.