

Pesticide Recertification Courses 2006



Sponsored by
Integrated Plant
Protection Center
and
Oregon State University
Extension Service

November 23, 2005

To: Oregon Commercial and Public Pesticide Applicators,
Pesticide Consultants, Operators, and Dealers

Annually, the OSU Extension Service offers training related to pest and pesticide management. While these training courses permit pesticide applicators to earn credits towards pesticide license recertification, our purpose is more than simply maintaining a license. As we learn more about pest and pesticide management, we can utilize pesticides in a more responsible, effective, and efficient manner. This makes good sense for agriculture, forestry, the general population, and the environment.

Course programs in this catalog are as complete as possible. Recertification credit hours have not been confirmed by the Oregon Department of Agriculture in all cases. However, our estimates should be close.

Remember, ODA is the institution granting a pesticide license. Since 1978, ODA has provided two methods by which pesticide applicators and consultants may become recertified: 1) successfully complete the required examination(s), or 2) attend short courses or other training programs approved by ODA for this purpose.

In order to become recertified by the credit hour accumulation method, an individual must accumulate a total of 40 credit hours during their five-year certification period. A maximum of 15 credit hours will be recognized in any one calendar year. If you have questions about recertification credits please call ODA, Pesticides Division at (503) 986-4635. For greater clientele convenience, exams for pesticide applicators are now administered in most community colleges. For specific information on these testing sites, call ODA, Pesticides Division. Much of this information is available on ODA's website at: <http://oregon.gov/ODA/PEST/html>.

To reduce costs, a single registration form is provided in this catalog. Course registration may vary, so **please pay close attention to the instructions given in each course outline.**

Suggestions and comments for improving the overall quality of these training programs should be directed to Tim Stock, IPPC/OSU, 2040 Cordley Hall, Corvallis, Oregon, 97331-2915, tel. (541) 737-6279 or 737-3541.

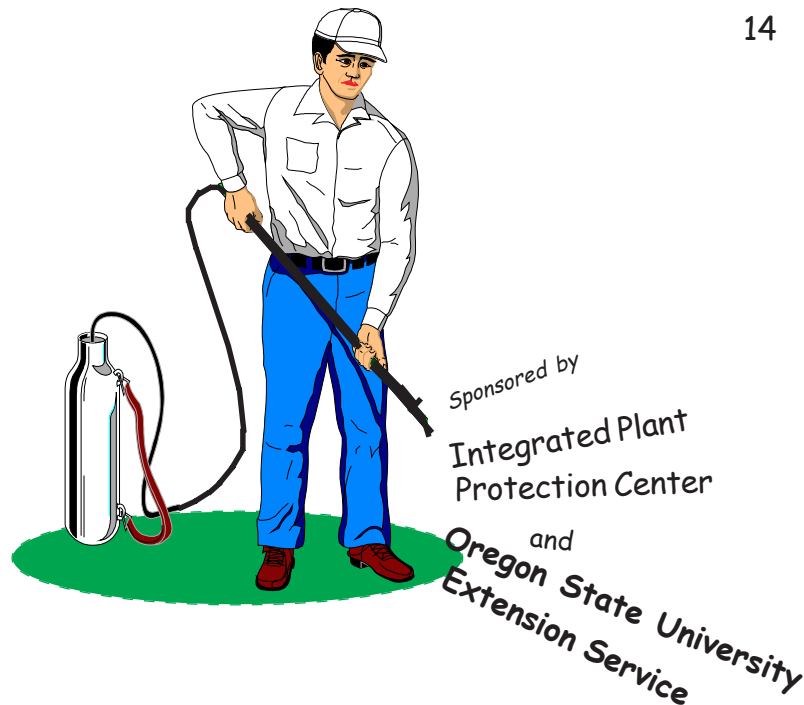
Sincerely,



Tim Stock, Coordinator
Pesticide Safety Education Program
stockt@science.oregonstate.edu

Table of Contents

Chemical Applicators Short Course January 10-11, 2006, Portland	3
Intermountain Pest Management Seminar January 12, 2006, Klamath Falls	5
OSU Extension Southern Oregon Recertification Workshop January 18-19, 2006, Medford	6
Non Crop Vegetation Management Course January 31-February 1, 2006, Corvallis	7
Pesticide Chemistry, Toxicology and Policy Short Course February 7-8, 2006, Eugene	9
Urban Pest Management Course February 8, 2006, Oregon City	10
Entomology Short Course February 14-15, 2006, Ontario	11
Central Oregon Pest Management Course February 17, 2006, Redmond	12
Oregon Pesticide Safety Education Manual	13
Registration Form	14



**CHEMICAL APPLICATORS
SHORT COURSE**
Holiday Inn Portland Airport
8439 NE Columbia Boulevard, Portland OR
January 10-11, 2006

Fee: \$160-two days, \$90-one day
 After January 5: \$200-two days
 \$115-one day
 15 credit hours anticipated for OR, WA, ID

Tuesday, January 10, 2006

0700 Registration - Holiday Inn Convention Center

0800 Controlling the bronze birch borer

0835 Using evaluation to improve your weed management system

0915 Insects, IPM and landscape ornamentals

1000 Break

1015 Whacking weevils, know their biology

1105 How to spite a mite

1200 Lunch (*included in registration*)

1300 Killing difficult perennial weeds

1350 Mode of action of herbicides used in landscapes

1435 PURS

1510 Break

1525 Fate of pesticides and other semi-volatile organic compounds

1610 Marion County's Integrated Vegetation Management program

1700 Adjourn

General Session

Bob Nelson, Clackamas Community College

Ray William, OSU Department of Horticulture

Bruce Nelson, Clackamas Community College

Robin Rosetta, OSU Extension, North Willamette Experiment Station, Aurora

Robin Rosetta, OSU Extension

James Altland, OSU Extension, North Willamette Experiment Station, Aurora

James Altland, OSU Extension

Laurie Gordon, Oregon Department of Agriculture

Staci Simonich, OSU Environmental & Molecular Tox.

Department of Agriculture
 Tanya Beard, Marion County Public Works

Wednesday January 11, 2006

0800 Control of the black vine weevil Lynell Tanigoshi, WSU Vancouver

Research & Extension Center

0835 Exposure and dose. What is my risk?

Wade Trevathan, CH2M Hill

0920 Control and management of the cherry bark tortrix

Lynell Tanigoshi, WSU

1000 Break

1015 Lowering the risk of disease from soil-borne pathogens

Richard Regan, OSU Extension, North Willamette Experiment Station, Aurora

(Continued on next page)

Wednesday, January 11, 2006 (Continued)

1100	Right-of-way pesticide use and associated risks	Wade Trevathan, CH2M Hill
1200	Lunch (<i>included in registration</i>)	
1300	Recognition and management of foliar blights in woody landscape plants	Richard Regan, OSU
1345	Turf and shrub bed weed control	Bo Hepler, Wilbur Ellis Co Wilsonville
1425	Choosing appropriate personal protective equipment	Dennis Draper/Matthew Phillippe, Sanderson Safety Equipment
1500	Break	
1515	Control of gophers, moles and other vertebrates	Jay Paxson, University of Nevada
1615	Learning from pesticide violations	Dale Mitchel, Oregon Department of Agriculture
1700	Adjourn	

Wednesday, January 11 *****BREAKOUT SESSION*****

Aerial Applicators Breakout Session - Salon C

0800	Understanding the impact of meteorological conditions on aerial application of pesticides	Harold Thistle, US Forest Service, Morgantown WV
0900	Minimizing drift with aerial applications	Robert Wolf, Kansas State University
1000	Break	
1015	Utilization of aerial spray models for aerial applications	Harold Thistle US Forest Service
1115	Recordkeeping for aerial applicators	Robert Wolf, KSU
1200	Lunch (<i>included in registration</i>)	
1300	Return to general session in Convention Center	

No structural breakout session this year.

No Spanish breakout this year.

Mail registration form and payment payable to OSU Chemical Applicators to:

Tim Stock
Integrated Plant Protection Center
Oregon State University
2040 Cordley Hall
Corvallis OR 97331-2915

For more information contact:
Tim Stock, (541) 737-6279 or
Linda Parks, (541) 737-3541
Fax: 541-737-3080
email:
stockt@science.oregonstate.edu

INTERMOUNTAIN
PEST MANAGEMENT SEMINAR
College Union Auditorium
Oregon Institute of Technology
Klamath Falls OR
January 12, 2006

Fee: \$40
After January 2: \$50
8 credit hours anticipated

Thursday, January 12, 2006

AM Session Chair: Kerry Locke, OSU Extension, Klamath Falls

0700 Registration - coffee, juice & pastries

0800 Federal pesticide laws and regulations

Greg Herman, Siskiyou County
Deputy Agri. Commissioner
Helmuth Rogg, ODA

0900 Management of grasshoppers and other
cyclic pests

0945 Alfalfa weevil control

1030 Drift management

1115 Interactive pest management quiz

Larry Godfrey, UC Davis
Tim Stock, OSU IPPC
Harry Carlson, UC Inter-Mountain
Research and Extension Center

1200 Lunch (*included in registration*)

PM Session chair: Rich Roseberg, Klamath Experiment Station

1300 Pesticide use reporting system

1400 Controlling mosquito vectors and spread
of West Nile Virus

Lori Gordon, ODA
Don Hansen, ODA
State Veterinarian

1445 Tuber moth management and control

Phil Hamm, Hermiston Ag
Research & Ext. Center

1530 Spider mite and seed corn maggot control

Silvia Rondon, Hermiston Ag
Research & Extension Center

1615 Chemical industry product updates
Seed treatment

Nate Andersen, Bayer
DuPont
Valent

1700 Adjourn

Additional program information will be available on the OSU Klamath website at: [http://
extension.oregonstate.edu/klamath/](http://extension.oregonstate.edu/klamath/)

The Shilo Inn offers rooms to program participants at a special conference rate. For room reservations call 1-800-222-2244, email reservations@shiloinns.com or visit their website at www.shiloinns.com/reservations.html

Send registration form and payment payable to **Agricultural Research Foundation** to:

OSU Extension
3328 Vandenberg Road
Klamath Falls, OR 97603

For more information contact:

Kerry Locke
541-883-7131 or email
kerry.locke@orst.edu
Fax: 541-883-4582

OSU EXTENSION SOUTHERN OREGON
RECERTIFICATION WORKSHOP
Red Lion Hotel
Medford OR
January 18-19, 2006

Fee: \$85
After January 12, \$100
10-12 credit hours anticipated
for OR, WA & CA

Wednesday, January 18, 2006

0730 Registration

0800 Introduction, purpose, expected outcomes

0815 Maximizing pesticide effectiveness with
surfactants

0845 Adjusting for pH and water hardness with water
conditioner versus ammonium sulfate - to -
correcting for water hardness, alkalinity and pH
problems using water conditioning agents

0920 Managing turf and ornamental pests with
less expensive alternatives

1005 Break

1020 New phenoxy technology - how they
compare to other phenoxyes

1105 Slug biology and control in landscapes

1205 Lunch (*included in registration*)

1300 New pests - economics of pest management

1400 Drift management

1500 Evaluating pesticide impacts in Hood River
Watershed and best farming practices

1545 Break

1600 Applying integrated pest management in
non-agricultural settings

1700 Adjourn

Phil VanBuskirk, OSU, Southern
Oregon Experiment Station
Brent Radford, Wilbur-
Ellis Company

Dan Bergman, Helena
Chemical Co.

Emily Coll, Enviro-scapes, LLC.

Dan Bergman, Helena
Chemical Co.
Glenn Fisher, OSU

Glenn Fisher, PSU
Tim Stock, OSU-IPPC
Jeff Jenkins, OSU

Tim Stock, OSU-IPPC

Thursday, January 19, 2006

0800 New fully implemented pesticide reporting
requirements

0900 Management strategies for soil borne
diseases

1000 Break

1015 Basic concepts of weed management in
nursery production

1115 Structural pest identification and control

1200 Adjourn

Ron Simeroth, Oregon Dept.
Agriculture
Robert Linderman,
USDA ARS/OSU

James Atland, North
Willamette Res/Ext. Ctr.
Scott Laine, United Ag
Products

Mail registration form and payment payable to **Ag Research Foundation** to: *

Phil VanBuskirk
OSU - SOR&EC
569 Hanley Road
Medford OR 97502

**No purchase orders, please*

For more information, contact
Phil VanBuskirk
Tel: (541) 772-5165
philip.vanburkirk@oregonstate.edu

**NON CROP VEGETATION
MANAGEMENT COURSE**
LaSells Stewart Center, 875 SW 26th
Corvallis OR
January 31-February 1, 2006

Fee: \$80
After Jan. 25: \$90
15 hours credit hours anticipated
for OR, WA, ID

Tuesday, January 31, 2006

0715	Registration	
0800	Exposure and dose - what is my risk?	Wade Trevathan, CH2M Hill
0835	Fate of pesticides and other semi-volatile and organic compounds	Staci Simonich, OSU Environmental & Molecular Toxicology
0920	Mode of action of herbicides used in the landscape	James Altland, OSU Ext.- North Willamette Experiment Station, Aurora
1000	Break	James Altland, OSU Ext.
1015	Killing difficult perennial weeds	Tanya Beard, Marion County
1050	Marion County's Integrated Vegetation Management Program	Public Works
1125	Using evaluation to improve your weed management system	Ray William, OSU Department of Horticulture
1200	Lunch (<i>included in registration</i>)	
1300	Are weeds winning the west?	Gary Dade, Union County Public Works
1335	Update on invasive weeds	Tim Butler, Oregon, Department of Agriculture
1405	Update on biological control of weeds in Oregon	Eric Coombs, Oregon Department of Agriculture
1435	Turf and shrub bed weed control	Bo Hepler, Wilbur- Ellis Co., Wilsonville
1505	Break	
1520	Sublethal effects of pesticides on salmon	Jeff Jenkins, OSU Environmental & Molecular Toxicology
1615	Ecotoxicology of pesticides	Larry Curtis, OSU, Environmental & Molecular Toxicology
1700	Adjourn	

Mail registration form and payment payable to **Non-Crop Course** to:

Tim Stock
IPPC/OSU
2040 Cordley Hall
Corvallis OR 97331

For more information contact:
Tim Stock, (541) 737-6279
stockt@science.oregonstate.edu
or
Linda Parks, (541) 737-3541
parksl@science.oregonstate.edu

(Continued on next page)

Wednesday, February 1, 2006

0800	Reducing the ecological impacts of pesticides	Paul Jepson, OSU, Director, Integrated Plant Protection Center
0845	Control of ivy and other perennials	Kyle Strauss, The Nature Conservancy
0920	Drift avoidance and management	Paul Jepson, OSU
1005	Break	
1025	Choosing appropriate personal protective equipment	Matthew Phillipe, Sanderson Safety Equipment
1110	A regional perspective on the state of salmon and pesticide use in the Pacific Northwest	Scott Hecht, NOAA Fisheries, Lacey, WA
1200	Lunch (<i>included in registration</i>)	
1300	Aminopyralid ecotoxicology, environmental fate, and use for controlling invasive weeds	Bob Stewart, Dow AgroSciences
1400	Controlling woody brush in forestry	Bruce Kelpas, Helena Chemical Company
1430	Noxious weed control in open areas	Kurt Spingath, NW Forest Solutions, Inc.
1500	Break	
1515	Moss control in parks and golf courses	Brian McDonald, OSU Horticulture Department
1600	Adjourn	

Motels offering conference rates:

Corvallis Inn (541-753-9151) \$59 (single)/\$69 (double) plus tax
Days Inn (541-754-7474 or 800-432-1235) \$56/\$61 plus tax
Super 8 Motel (541-758-8088 or 800-800-8000) \$50/\$52 plus tax
Hilton Garden (OSU Campus) (541-752-5000) \$84 plus tax

****Note:** You must purchase daily parking permits at
Western Avenue entrance to the football stadium parking lot.
Not advisable to enter from 26th St.

**PESTICIDE CHEMISTRY, TOXICOLOGY
AND POLICY SHORT COURSE**
Lane Community College - Bldg 19
Center for Meeting and Learning
4000 East 30th Ave, Eugene OR
February 7-8, 2006

Fee: \$76
After January 26: \$88
(no refunds)
12 credit hours

Tuesday, February 7, 2006

0700	Registration	
0800	Introductions, purpose, expected outcomes	Ross Penhallegon, OSU
0815	Pesticide toxicology and risk assessment	Jeff Jenkins, OSU
0900	OSU's Food Safety and Environmental Stewardship Laboratory	Kim Anderson, OSU
0945	Pesticides and effects on humans	Dan Sudakin, OSU
1030	Break	
1045	Pesticide animal poisoning in Oregon	Rhian Cope, OSU
1130	Pesticide developmental effects in fish and amphibians	Kara Warner, OSU
1215	Lunch (<i>included in registration</i>)	
1330	Pesticide ecotoxicology	Larry Curtis, OSU
1415	Pesticide information on the internet	Terry Miller, OSU
1500	Break	
1515	Oregon Statewide IPM Program	Paul Jepson, OSU
1600	Pesticide sublethal effects on aquatic invertebrates	Katherine Johnson, OSU
1700	Adjourn	

Wednesday, February 8, 2006

0730	Registration	
0800	Introductions, purpose, expected outcomes	Ross Penhallegon, OSU
0805	Pesticides and water quality	Jeff Jenkins, OSU
0900	Right of way pesticide use: What are the risks?	Jeff Jenkins, OSU
1000	Break	
1015	Differences between organic and synthetic pesticides, comparing rotenone or Serenade to carbaryl - toxicology similarities and differences	Ross Penhallegon, OSU
1100	Pesticide use reporting system	Laurie Gordon, ODA
1200	Adjourn	

Mail registration form and payment payable to **ARF (Ag Research Foundation)** to:

ARF
OSU Lane County Extension Office
950 West 13th Avenue
Eugene, OR 97402-3913

For more information contact:
Ross Penhallegon or Linda Renslow
(541) 682-4243 or
1-800-872-8980

URBAN PEST MANAGEMENT COURSE
Clackamas Community College,
The Gregory Forum
19600 S. Main, Oregon City OR
February 8, 2006

Fee \$50
After February 1: \$60
8 credit hours anticipated
for OR, WA, ID

Tuesday, February 8, 2006

0715 Registration

0800 Landscape weed control

0835 Insects, IPM and landscape ornamentals

0920 Sudden Oak Death Syndrome

1000 Break

1015 How to spite a mite

1110 Slime time (slugs and snails in
landscapes and nurseries)

1200 Lunch (*included in registration*)

1300 Recognition and management of foliar
blights in woody landscape plants

1345 Lowering the risk of disease from
soil-borne pathogens

1430 Adjusting for Ph and water hardness
with water conditioners versus
ammonium sulfate

1510 Break

1525 How surfactants work, and when should
you use them

1610 Moss control in parks and golf courses

1700 Adjourn

Bob Nelson, Clackamas
Community College

Bruce Nelson, Clackamas
Community College

Melodie Putnam, OSU,
Botany & Plant Pathology

Robin Rosetta, OSU,
North Willamette
Research & Extension
Center, Aurora
Robin Rosetta, OSU

Richard Regan, OSU,
North Willamette
Research & Extension
Center, Aurora
Richard Regan, OSU

Dan Bergman, Helena
Chemical Company

Dan Bergman

Brian McDonald, OSU,
Horticulture Department

Mail registration form and payment payable to ***OSU Landscape Course*** to:

Tim Stock
IPPC / OSU
2040 Cordley Hall
Corvallis, OR 97331-2915

For more information contact:
Tim Stock (541) 737-6279,
Linda Parks (541) 737-6273 or
Loretta Mills (503) 657-6958 ext 2246

ENTOMOLOGY SHORT COURSE
Four Rivers Cultural Center,
Ontario OR
February 14-15, 2006

Fee: \$55
At the door, \$65
10-12 credit hours anticipated

Tuesday, February 14, 2006

0730 Registration
0800 Introductions
1000 Break
1200 Lunch (*included in registration*)
1500 Break
1700 Adjourn

Wednesday, February 15, 2006

0800 Introductions
1000 Break
1200 Adjourn

Course Topics Include: (Speakers to be assigned)

- Insect identification and biology
- Know your beneficials
- Grasshopper and mormon cricket control
- Potato tuber moth
- Selecting the proper adjuvant
- New pests on the horizon
- Classes of insecticides and their mode of action
- Resistance management
- Black fly biology and control
- Onion thrips control
- Iris yellow spot virus disease and onion thrips
- Sugarbeet pests
- Cereal leaf beetle
- Resources for insect identification
- Home and lawn pests
- Rootworm biocontrol
- Spiders
- Labeling pesticides to minor crops
- Leafhoppers and curly top
- Lygus bugs and alfalfa seed production
- Onion maggot control order - What it is and how it works.
- Russian wheat aphid
- Winter grain mites

Mail registration form and payment payable to OSU Ag Research Foundation to:

Malheur County Extension Office
710 SW 5th Avenue
Ontario OR 97914

For more information contact:
Lynn Jensen
541-881-1417

**CENTRAL OREGON
PEST MANAGEMENT COURSE**
Deschutes County Fairgrounds Expo Center
3800 SW Airport Way, Redmond OR
February 17, 2006

Fee: \$50
After February 10: \$60
8 credit hours anticipated
for OR, WA, ID

0715	Registration	
0800	Concepts of IPM	Len Coop, OSU - IPPC
0840	Aquatic invasive species important to Central Oregon	Sam Chan, OSU, Clackamas Co. Extension
0930	Pesticides in surface waters of the Pacific Northwest: an overview of USGS regional findings	Chauncey Anderson, USGS Oregon Water Science Center
1015	Break	
1030	Community partnerships to reduce impacts of pesticides on water quality	Gene Foster, DEQ
1115	Pesticide toxicology and risk assessment	Jeff Jenkins, OSU Environmental & Molecular Toxicology
1200	Lunch (<i>included in registration</i>)	
1300	Reducing generation of hazardous waste and managing those you do have	Jeff Ingalls & Jeannette Freeman, DEQ District Office, Bend
1400	Identification and control of noxious weeds in Central Oregon	Kev Alexanian, Crook County Weed Control
1430	New noxious weeds in Central Oregon and control Strategies	Dave Langland, Oregon Dept. of Agriculture
1500	Break	
1515	Weather models and pest management decision timing	Len Coop, OSU - IPPC
1545	PURS	Laurie Gordon, Oregon Department of Agriculture
1615	Aminopyralid ecotoxicology, environmental fate, and use for controlling weeds	Bob Stewart, Dow AgroSciences
1700	Adjourn	

A sample of Redmond area hotels:
Best Western Ramada Inn (541-548-8080)
Inn at Eagle Crest (541-923-2453)
Comfort Suites (541-504-8900) (close to fairgrounds)
Super 8 (541-548-8881) (close to fairgrounds)
Motel 6 (541-923-2100)

Mail registration form and payment payable to OSU CO Pest Mgmt Course to:

Tim Stock
IPPC/OSU
2040 Cordley Hall
Corvallis, OR 97331-2915

For more information contact:
Mylene Bohle (541) 447-6228
Tim Stock (541) 737-6279

Oregon Pesticide Safety Education Manual

The *Oregon Pesticide Safety Education Manual* is the basic manual for all pesticide applicators in Oregon—it replaces the publication, *Oregon Pesticide Applicators Manual*. The sale price for the manual reflects production and distribution costs incurred by the OSU Extension Service.

This newly revised 273 page reference manual will help prepare you for the Oregon "private applicator" and the "laws and safety" examinations, administered by the Oregon Department of Agriculture. Questions for these exams will be taken from material presented in this manual. This manual is also intended to serve as a reference source for those who are already certified to apply pesticides.

How to Order

A newly revised edition of this manual is available. To order, contact:

Publication Orders, Agricultural Communications
Oregon State University, Admin. Services A422
Corvallis, OR 97331-2119
Phone: (541) 737-2513 Fax: (541) 737-0817

Send me _____ copies.

Total \$ _____ sent with order.

Name _____

Company Name _____

Street Address _____

City _____

State _____ Zip _____

Phone (____) _____

Photocopy this registration form for additional registrations.

Name _____
Affiliation _____
Affiliation Address _____
City/State/ZIP _____
Daytime Phone _____

Please register me for the following course(s):

- Chemical Applicators Short Course
January 10-11, 2006, Portland, OR,
\$160 for 2 days (\$200 after Jan.5)
\$90 for 1 day (\$115 after Jan. 5)
Mail to: Tim Stock, OSU/IPPC
2040 Cordley Hall, Corvallis OR 97331
- Intermountain Pest Management Seminar
January 12, 2006, Klamath Falls, OR
\$40/\$50 after Jan. 2
Mail to: Kerry Locke, Ag Res., OSU Ext.
3328 Vandenburg Rd, Klamath Falls OR 97603
- OSU Extension Southern Oregon Recertification Workshop
January 18-19, 2006, Medford OR
\$85/\$100 after Jan. 12
Mail to: Phil VanBuskirk
OSU-SOR&EC
569 Hanley Rd, Medford OR 97502
- Non Crop Vegetation Management Course
January 31-February 1, 2006, Corvallis, OR.
\$80/\$90 after Jan. 25
Mail to: Tim Stock, OSU/IPPC
2040 Cordley Hall, Corvallis OR 97331
- Pesticide Chemistry, Toxicology, and Policy Short Course
February 7-8, 2006, Eugene, OR
\$76/\$88 after Jan. 26
Mail to: ARF, % Lane County Extension Office
950 West 13th Ave, Eugene OR 97402
- Urban Pest Management Course
February 8, 2006, Oregon City, OR
\$50/\$60 after Feb. 1
Mail to: Tim Stock, OSU/IPPC
2040 Cordley Hall, Corvallis OR 97331
- Entomology Short Course
February 14-15, 2006, Ontario, OR
\$55/\$65 at the door
Mail to: Malheur County Extension Office
710 SW 5th Ave., Ontario OR 97914
- Central Oregon Pest Management Course
February 17, 2006, Redmond, OR
\$50/\$60 after Feb. 10
Mail to: Tim Stock, OSU/IPPC
2040 Cordley Hall, Corvallis OR 97331

Amount Enclosed: \$ _____

See individual course listings for information on how and where to send payment. Since the refund policy may vary per course, we suggest you contact the individual listed under the specific course for refund information.

Note: If a refund is requested, Federal regulations require that you supply your Social Security or Tax ID Number for reimbursement. Thank you.

Unfortunately, we cannot process credit cards.