Pesticide Recertification Courses 2004

Sponsored by
Integrated Plant Protection Center
and
Oregon State University Extension Service
November 30, 2003

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://oda.state.or.us/pesticide/index/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 Myron Shenk, IPPC/OSU, 2040 Cordley Hall, Corvallis, Oregon, 97331-2915, tel. (541) 737-6274 or 737-3541.

Sincerely,

Myron Shenk, Coordinator
Pesticide Safety Education Program
shenkm@science.oregonstate.edu
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### CHEMICAL APPLICATORS
**SHORT COURSE**
Double Tree Hotel* at Jantzen Beach, Portland OR
January 6-7, 2004

**Fee:** $160-two days, includes lunch each day  
$90-one day, includes lunch  
After January 1: $200-two days,  
$115-one day  
Spanish session-$55  
15 credit hours granted

#### Tuesday, January 6 - General Session

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>0700</td>
<td>Registration</td>
</tr>
<tr>
<td>0800</td>
<td>Legislative update; potential impact of recent court rulings on pesticide use</td>
</tr>
<tr>
<td>0835</td>
<td>Learning from the Fifteen Mile Creek pesticide spill</td>
</tr>
<tr>
<td>0920</td>
<td>Sudden Oak Death - status in Oregon</td>
</tr>
<tr>
<td>1000</td>
<td>Break</td>
</tr>
<tr>
<td>1015</td>
<td>Plant identification made easy</td>
</tr>
<tr>
<td>1100</td>
<td>Identification of common household pests</td>
</tr>
<tr>
<td>1130</td>
<td>West Nile Virus disease - a new challenge for pest managers</td>
</tr>
<tr>
<td>1210</td>
<td>Lunch (included with registration fee)</td>
</tr>
<tr>
<td>1310</td>
<td>Non-chemical mosquito/West Nile Virus control</td>
</tr>
<tr>
<td>1340</td>
<td>Environmental fate of pesticides</td>
</tr>
<tr>
<td>1420</td>
<td>Pesticide use and human health risks: update on the endocrine hormone disruption issue</td>
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<tr>
<td>1500</td>
<td>Break</td>
</tr>
<tr>
<td>1520</td>
<td>Managing invasive Japanese knottweed</td>
</tr>
<tr>
<td>1605</td>
<td>Update on invasive weeds</td>
</tr>
<tr>
<td>1700</td>
<td>Adjourn</td>
</tr>
</tbody>
</table>

#### Wednesday, January 7 - General Session

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>0800</td>
<td>Ecotoxicology iand pesticide use in the Hood River watershed</td>
</tr>
<tr>
<td>0845</td>
<td>Managing turf and ornamental pests with less expensive alternatives</td>
</tr>
<tr>
<td>0920</td>
<td>Applying integrated pest management in non-agricultural settings</td>
</tr>
<tr>
<td>1000</td>
<td>Break</td>
</tr>
<tr>
<td>1015</td>
<td>Making pre-emergence herbicides work for you</td>
</tr>
<tr>
<td>1100</td>
<td>Managing soil borne diseases</td>
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<tr>
<td>1200</td>
<td>Lunch (included with registration fee)</td>
</tr>
<tr>
<td>1300</td>
<td>Clopyralid’s (Confront) replacement for turf</td>
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<tr>
<td>1330</td>
<td>Technology to minimize spray drift</td>
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<tr>
<td>1400</td>
<td>Slug biology and control in landscapes</td>
</tr>
<tr>
<td>1435</td>
<td>Learning from recent pesticide violations</td>
</tr>
<tr>
<td>1500</td>
<td>Break</td>
</tr>
<tr>
<td>1515</td>
<td>Calibrating hydraulic sprayers</td>
</tr>
<tr>
<td>1600</td>
<td>Adjourn</td>
</tr>
</tbody>
</table>

### West Salon
- Terry Witt, Oregonians for Food & Shelter  
- Dan Heister, EPA USEPA Region 10 Emerg. Resp. Unit  
- Nancy Osterbauer, ODA  
- Bruce Barnes, Flora ID, NW  
- Lynn Royce, OSU  
- Brad LeaMaster, State Veterinarian, ODA  
- Pollyanna Lind, NW Assoc. Alternatives to Pesticides  
- Jeffery Jenkins, OSU Env. & Molecular Tox Dept  
- Nancy Kerkvliet, OSU Env. & Molecular Tox. Dept.  
- Jonathan Soll, Nature Conservancy  
- Tom Forney, ODA  
- Bill Miller, Dow Agrosciences  
- Robert Linderman, USDA-ARS/OSU  
- Myron Shenk, IPPC/OSU  
- Glen Fisher, OSU  
- Dale Mitchell, ODA  
- Myron Shenk, IPPC/OSU
Wednesday, January 7 - Breakout Sessions

Aerial Applicator Breakout Session:
Crown-Zellerbach Room
0800 Aerial Application of agrochemicals
Keith Crimin, FAA, Portland
0900 Impact on aerial applicators of recent ruling restricting 54 active ingredients
Bruce Alber, Wilbur-Ellis Co
0930 Drift reduction additives for precise placement of pesticides by aerial applicators
Bruce Alber, Wilbur-Ellis Co.
10:00 Break
1015 Equipment set up for proper placement of pesticides
Jerry Harchenko, Industrial Aviation Services
1100 How weather and other environmental factors affect aerial applications
1200 Lunch (included with registration fee)
1300 Return to general session in West Salon

Structural Pest Control Breakout Session:
Clark/Clackamas Room
0800 Yellowjackets and other stinging insects
Glenn Bissell, Alpine Pest Mgmt.
1000 Break
1015 Wood boring beetles and fungi
Jeff Morrell, Wood Science and Engineering, OSU
1200 Lunch (included with registration fee)
East Salon
1300 Rodent control in and around structures
Lyle Townsend, JL Innovations
1600 Adjourn

Spanish Language Breakout Session *CORE Training
Multnomah Room
0800 Comprension de la etiqueta
Myron Shenk, OSU
(Understanding the label)
0845 Leyas Federales y Estatales, regulando los plaguicidas (Federal and State pesticida laws)
Myron Shenk, OSU
0920 Normas Para La Proteccion del Trabajador
Jenny Ahlers, AmeriCorps/OSU
(The Worker Protection Standard)
1000 Descanso (Break)
1015 Equipo de proteccion personal
Molly Runyon, AmeriCorps/OSU
(Personal protection equipment)
1100 Calibracion de equipo de aspersion, y calculos de dosis
Myron Shenk, OSU
(Calibration of sprayers and pesticide calculations)
1200 Almuerzo – incluido en la matricula
East Salon
(Lunch - included with registration fee)

*Special Room rate at Double Tree Hotel - $77 single or double (plus tax) - make your reservations at 800-222-8733 by 12/31/2003 - mention Chemical Applicators Short Course

Mail registration form and payment payable to OSU Chemical Applicators to:
Myron Shenk
Integrated Plant Protection Center
Oregon State University
2040 Cordley Hall
Corvallis OR 97331-2915

For more information contact:
Myron Shenk, (541) 737-6274 or Linda Parks, (541) 737-3541
Fax: 541-737-3080
e-mail: shenkm@science.oregonstate.edu
Thursday, January 15, 2004

0700 Coffee and registration

0800 Program introductions
   Pesticide laws and regulations
   Potato disease control update
   Soil fumigant replacements for methyl bromide and other current materials
   Non-crop weed control challenges

1200 Lunch (Included in program registration)

1300 Interactive pest ID quiz
   Are we ready for roundup ready alfalfa?
   New control measures for meadow voles and pocket gophers
   Spider mite challenges in grain, mint and other crops
   Chemical industry product update

1700 Adjourn

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

Fee: $40--includes lunch
After January 9: $50
8 credit hours anticipated

Send registration form and payment payable to Agricultural Research Foundation to:
OSU Extension
3328 Vandenberg Road
Klamath Falls, OR 97603

For more information contact:
Rodney Todd
541-883-7131 or email to:
rod.todd@orst.edu
Fax: 541-883-4582
Fee: $75-includes lunch on 21st
After January 15, $90
10-12 credit hours anticipated
for OR, WA & CA

Mail registration form and payment payable to Ag Research Foundation to:*  
Phil VanBuskirk
OSU - SOR&EC
569 Hanley Road
Medford OR 97502

For more information, contact
Phil VanBuskirk
Tel: (541) 772-5165

*No purchase orders, please

Wednesday, January 21, 2003

0730  Registration
0800  Introduction, purpose, expected outcomes  Phil VanBuskirk, OSU
0810  Annual update - Oregon pesticide laws  Janet Fults, ODA
0910  When are national pollutant discharge
       elimination system permits required  Ranie Nomura, OR DEQ
1000  Break
1041  New organic hot foam weed control technology  Iain Webster, Waipuna
1100  Thermal weed control: an alternative  Greg Prull, Sunburst Inc
1130  ET - a new weed control alternative to
       herbicides  Randy King Nichino Inc.
1200  Lunch
1300  Integrated development and pesticide use
       within environmental sensitive areas  Mark Wilson, Persimmon
       Country Club
1400  Biology and control of key turf pests  John Umble, OSU
1500  Break
1515  Common pests found around the home  Lynn Royce, OSU
1615  Pesticides and water quality protection  John Selker, OSU
1730  Adjourn

Thursday, January 22, 2003

0800  Current weed control methods for aquatics  Mark Sytsma, PSU
0900  Spider mite management in the landscape - Part I  Robin Rosetta, OSU
1000  Break
1015  Spider mite management in the landscape - Part II  Robin Rosetta, OSU
1100  Fate of pesticides for right-of-way applications  Jeff Jenkins, OSU
1200  Adjourn
PNW ENTOMOLOGY AND PLANT
PATHOLOGY SHORT COURSE
Lane Community College - Conference Ctr.
(New Site)
4000 East 30th Ave, Eugene OR
February 3-4, 2004

Fee: $75--includes lunch
After January 26: $85
(no refunds)
12 credit hours anticipated

Tuesday, February 3
0700 Registration
0800 Welcome
0815 Pesticide Use Reporting System -
What is happening?
0900 Fate of pesticides
0945 Pesticides and water quality
1015 Break
1030 Diagnosis of plant problems
1200 Lunch
1300 How to spite a mite
1345 West Nile Virus
1415 Slugs and snails
1500 Break
1510 Living with crane flies
1545 New and exotic insects
1630 Protecting bees from pesticides
1715 Adjourn

Ross Penhallegon, OSU
Laurie Gordon, ODA
Jeff Jenkins, OSU/EMT
Dave Downing, Lane SWD
Ross Penhallegon, OSU
Robin Rosetta, NWREC
Sarah Hendrickson, ODH
Glenn Fisher, OSU
Jack DeAngeles, OSU
Barry Bai, ODA
GloryBee

Wednesday, February 4
0730 Registration
0800 Introduction
0815 New pesticides and their future
0900 Eastern Filbert blight
0935 Sudden Oak Death
1015 Break
1030 Tips on how to ID insects
1100 Phytophthora and Verticillium in ornamentals
Noon Adjourn

Paul Jepson, IPPC/OSU
Jay Pscheidt, OSU
Nancy Osterbaugher, ODA
Lynn Royce, OSU
Rich Regan, NWREC

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

ARF
OSU Lane County Extension Office
950 West 13th Avenue
Eugene, OR 97402-3999

For more information contact:
Ross Penhallegon or Linda Renslow
(541) 682-4243 or 1-800-872-8980
PESTICIDE CHEMISTRY, TOXICOLOGY, AND POLICY SHORT COURSE
Four Rivers Cultural Center, Ontario OR
February 10-11, 2004

Fee: $50-includes lunch
After January 30, $55
10-12 credit hours anticipated

Tuesday, February 10

0700 Registration
0800 Introductions, purpose, expected outcomes
0815 Selective toxicity and chemical pest control
0900 Pesticides and water quality
0945 Pesticides and effects on humans
1030 Break
1045 Pesticide information on the internet
1130 Pesticide developmental effects in fish and amphibians
1215 Lunch (included in registration fee)
1330 OSU’s food safety and environmental stewardship laboratory
1415 Oregon Statewide IPM program
1500 Break
1515 Rights-of-way pesticide use: What are the risks?
1600 Pesticide Residues in Domestic and imported foods
1600 Pesticide ecotoxicology
1745 Adjourn

Wednesday, February 11

0800 Risk assessment of pesticide impacts on aquatic resources in the PNW
0900 IR4 minor crop registration
1000 Break
1015 Special registrations
1115 Pesticide lawsuits update and how they affect you
1215 Adjourn

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
NON CROP VEGETATION MANAGEMENT COURSE
LaSells Stewart Center, 875 SW 25th
Corvallis OR
February 10 & 11, 2004

Fee: $80--includes lunch
After Feb. 3: $90
15 hours pesticide applicator recertification credits

Effective Pesticide Management

Tuesday, February 10, 2004

0700 Registration
0800 Legislative update; potential impact of recent Court rulings on pesticide use
0835 Weedmapping project - new tools to track weeds
0920 Biological control of weeds in Oregon
1000 Break
1015 Forest vegetation management
1100 Safer use of some common roadside herbicides for warm temperatures
1130 Combating Japanese knotweed in Clatsop County
1205 Lunch (included in registration fee)
1300 Using evaluation to improve your weed/vegetation management program
1400 DowAgroSciences update
1430 Pesticide use and human health risks: update on the Endocrine Hormone Disruption Issue
1510 Break
1530 Consider all the options in your weed program; including ethics
1605 Update on invasive weeds
1700 Adjourn
Wednesday, February 11, 2004

0800  Why use herbicides in an IVM program  
      Mike Perkins, Coordinator
      Lane County vegetation management program

0845  Right-of-way pesticide use and associated risks  
      Wade Trevathan, OSU
      Environmental and Molecular Toxicology

0920  Pesticide poisonings: signs and symptoms  
      Dan Sudakin, OSU
      Environmental and Molecular Toxicology

1000  Break  
1015  Pesticides in the Clackamas river basin  
      Kurt Carpenter,
      USGS, Portland

1045  Invasive Plant Management for natural areas.  
      Mandy Tu,
      The Nature Conservancy

1120  Herbicide injection equipment to eliminate the problem of rinse water in large spray tanks.  
      Greg Swain, Norstar Co., Auburn, WA

1200  Lunch (included in registration fee)

1300  Using GPS and GIS for mobile roadside maintenance tracking and BMP compliance  
      Greg McDonald,
      GIS Administrator,
      Marion County

1345  Are weeds winning the west?  
      Gary Dade, Union County Public Works

1420  Calibrating hydraulic spray equipment let’s do it one more time!  
      Myron Shenk, OSU,
      Integrated Plant Protection Center

1500  National Pesticide Information Center: a resource for pesticide users  
      T. Miller, OSU
      Environmental and Molecular Toxicology

1530  Adjourn

Mail registration form and payment payable to Non-Crop Course to:
Myron Shenk
IPPC/OSU
2040 Cordley Hall
Corvallis OR  97331

For more information contact:
Myron Shenk, (541) 737-6274  or
Linda Parks, (541) 737-3541

Motels offering conference rates:
Ramada Inn (541-753-9151) $59 (single or double) plus tax - until Jan. 15
Days Inn (541-754-7474 or 800-432-1235) $56/$61 plus tax - until Jan. 17
Super 8 Motel (541-758-8088 or 800-800-8000) $49/$56 - until Jan. 15
Fee: $50--includes lunch
After February 12: $60
8 hours pesticide applicator
recertification credits

Mail registration form and payment payable to OSU Weed Short Course to:
Myron Shenk
IPPC/OSU
2040 Cordley Hall
Corvallis, OR 97331-2915

For more information contact:
Mylen Bohle (541) 447-6228
M. Shenk (541) 737-6274

Motel conference rates at the Riverhouse
$59/$75 (single/double), plus tax, until January 17.
Tel. 541-389-3111 or 800-547-3928

Central Oregon Pesticide Management Course
The Riverhouse Hotel
3075 N. Highway 97, Bend OR
February 18, 2004

Wednesday, February 18
0715  Registration
0800  Legislative update; potential impact of
t recent Court rulings on pesticide use.
0830  Using evaluation to improve your weed/
vegetation management program.
0930  Principles of aquatic weed control.
1015  Break
1030  Right-of-Way pesticide use and what
are the risks.
1100  Pesticide poisonings; signs and symptoms
1130  Control of specific aquatic weeds in
Central Oregon.
1210  Lunch (included in registration fee)
1310  Consider all the options in your weed
program; including ethics.
1335  Invasive weed identification and management
1410  Clean-up of the Ten-Mile Creek pesticide
spill; Be prepared for pesticide incidents.
1500  Break
1515  Precision chemical application equipment;
latest technology and developments.
1545  Sprayer Calibration - Let’s do it again!
1630  Chemical updates.
1700  Adjourn
Fee $50--includes lunch
After February 17, $60
Recertification credits:
- Oregon: 8 hours
- Washington: anticipated

**URBAN PEST MANAGEMENT COURSE**
Clackamas Community College, The Gregory Forum
19600 S. Main, Oregon City  OR
February 24, 2004

**Tuesday, February 24**

- **0715** Registration
- **0800** Controlling gophers, moles, and other vertebrate pests
  - Jay Paxon, Collier Arbor Care, Clackamas, OR
- **0900** Beyond Ladybeetles: An introduction to biological control of insects and mites
  - Robin Rosetta, OSU Extension, North Willamette Res. & Ext. Center, Aurora
- **1000** Break
- **1015** Killing difficult perennial weeds
  - James Altland, OUS, Extension, North Willamette Res. & Ext. Center, Aurora
- **1055** Knowing the target determines the product
  - Mike Vandevoevering, Nursery Connection, Hubbard, OR
- **1135** Pesticides in the Clackamas river basin
  - Kurt D Carpenter, USGS, Portland
- **1210** Lunch (included in registration fee)
- **1310** How the Invasive Weed Council is combating invasive species
  - Mark Systma, PSU/Invasive Species Council
- **1350** Weed ID using the computerized XID program
  - Bob Nelson, Clackamas Community College
- **1425** Noxious weed update
  - Tim Butler, ODA
- **1510** Break
- **1530** Portland Parks and Recreation pest management program—complying with the Endangered Species Act
  - John Reed, Portland Parks & Recreation
- **1615** Managing spray drift—new nozzles and the latest recommendations
  - Myron Shenk, Oregon State University
- **1700** Adjourn

Mail registration form and payment payable to **OSU Landscape Course** to:
Myron Shenk
IPPC / OSU
2040 Cordley Hall
Corvallis, OR 97331-2915

For more information contact:
Myron Shenk (541) 737-6274 or
Bob Nelson (503) 657-6958 ext 2236
Print this registration form for mail-in registrations.

Name
Affiliation
Address
Phone
License Type

Please register me for the following course(s):

☐ Chemical Applicators Short Course
  January 6-7, 2004, Portland, OR
  $160 for 2 days ($200 after Jan. 1)
  $90 for 1 day ($115 after Jan. 1)
  $55 - Spanish half day

Mail to: Myron Shenk, OSU/IPPC
        2040 Cordley Hall, Corvallis OR 97331

If attending Spanish Half-Day Session, please check ☐

☐ Intermountain Pest Management Seminar
  January 15, 2004, Klamath Falls, OR
  $40/$50 after Jan. 9

Mail to: Rodney Todd, Ag Res., OSU Ext.
        3328 Vandenburg Rd, Klamath Falls OR 97603

☐ OSU Extension Recertification Workshop
  January 21-22, 2004, Medford, OR
  $75/90 after Jan. 5

Mail to: Phil VanBuskirk
        OSU-SOR&EC
        569 Hanley Rd, Medford OR 97502

☐ PNW Entomology and Plant Pathology Short Course
  February 3-4, 2004, Eugene, OR
  $75/$85 after Jan. 26

Mail to: ARF, % Lane County Extension Office
        950 West 13th Ave, Eugene OR 97402

☐ Pesticide Chemistry, Toxicology, and Policy Short Course
  February 10-11, 2004, Ontario, OR
  $50/$55 after Jan. 30

Mail to: Malheur County Extension Office
        710 SW 5th Ave., Ontario OR 97914

☐ Non Crop Vegetation Management Course
  February 10-11, 2004, Corvallis, OR
  $80/$90 after Feb. 3

Mail to: Myron Shenk, OSU/IPPC
        2040 Cordley Hall, Corvallis OR 97331

☐ Central Oregon Pest Management Course
  February 18, 2004, Bend, OR
  $50/$60 after Feb. 12

Mail to: Myron Shenk, OSU/IPPC
        2040 Cordley Hall, Corvallis OR 97331

☐ Urban Pest Management Course
  February 24, 2004, Oregon City, OR
  $50/$60 after Feb 17

Mail to: Myron Shenk, 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.
The Oregon Pesticide Applicator Manual is the basic manual for all pesticide applicators in Oregon—it replaces the publication, Applying Pesticides Correctly. The sale price for the manual reflects production and distribution costs incurred by the OSU Extension Service.

This 288 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 will be available in early 2004. 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

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