

2011 Hood River Winter Horticulture Meeting

Wednesday, February 9, 2011
Pine Grove Grange, Hood River, OR

7:30 AM Coffee and Donuts Provided by Our Sponsors

- 8:00 Welcome**
Steve Castagnoli, OSU Extension Service, Hood River
- 8:15 Current Status and Future Direction of the OSU Mid-Columbia Agricultural Research and Extension Center** Brian Tuck, Director, OSU-MCAREC, Hood River
- 8:45 New Developments in Conventional and Organic Fire Blight Control**
Ken Johnson, OSU Dept of Botany & Plant Pathology, Corvallis
- 9:15 Current and Pending Orchard Insect Management Research**
Peter Shearer, OSU Mid-Columbia Agricultural Research & Extension Center, Hood River
- 9:40 Lab and Field Studies to Improve Biological Control in Pear Orchards**
Kaushi Amarasekare, OSU Mid-Columbia Agricultural Research & Extension Center, Hood River

10:00 AM Break - Juice Provided Courtesy of Tree Top

- 10:20 Spotted wing drosophila in Mid-Columbia sweet cherries: One year review**
Peter Shearer, OSU Mid-Columbia Agricultural Research & Extension Center, Hood River
- 10:40 Bacterial canker is a tough disease**
Ken Johnson, OSU Dept of Botany & Plant Pathology, Corvallis
- 10:55 The Technology Roadmap for Tree Fruit - Looking Back and Looking Forward**
Jim McFerson, Manager, Washington Tree Fruit Research Commission, Wenatchee
- 11:25 Hood River Extension Programs Update**
Steve Castagnoli, OSU Extension Service, Hood River
- 11:40 Columbia Gorge Fruit Growers Elections and Updates**
CGFG Board of Directors

12:00 PM Lunch Provided – Thank You Sponsors!

- 1:00 Using Benzyladenine (BA) Treatments to Enhance Pear Fruit Size**
David Sugar, OSU Southern Oregon Research & Extension Center, Central Point
- 1:25 Improving Pear Production Efficiency**
Todd Einhorn - OSU Mid-Columbia Agricultural Research & Extension Center, Hood River
- 1:45 Fumigation - A Key Step in Orchard Reestablishment**
Tim Smith, WSU Extension, Wenatchee
- 2:15 Possibilities and Time Scale for a Pear Breeding Program**
Kate Evans, WSU Tree Fruit Research & Extension Center, Wenatchee
- 2:40 Systems Approach to Ensuring Superior Fruit Quality**
Amit Dhingra, WSU Department of Horticulture and Landscape Architecture, Pullman
- 3:00 Adjourn**

2011 Winter Horticulture Meeting Sponsors: Bryant Pipe & Supply, CenterPointe Community Bank, Chamberlin Distributing, Columbia Gorge Fruit Growers, Columbia Reach Pack, Columbia State Bank, Duckwall-Pooley Fruit, Farm Credit Services, GS Long, Hood River Supply, Nichino America, Sheppard's, Stadelman Fruit, Tree Top, Underwood Fruit, Valley Ag Service, Western Ag Improvement, and Wilbur-Ellis.



Agriculture, Family and Community Development, 4-H Youth, Forestry, Energy and Extension Sea Grant Programs. Oregon State University, United State Department of Agriculture, and Hood River County cooperating. The Extension Service offers its programs and materials equally to all people.

2011 Hood River Blueberry Pruning Workshop

Friday, February 4, 1 to 5 pm

OSU Berry Crops Specialist, Bernadine Strik, will be leading this field workshop. The workshop will focus on pruning both new and established blueberry bushes, as well as specific pruning needs of different blueberry varieties. There will also be opportunities to discuss many other aspects of blueberry establishment and management. The times indicated below are approximate. For more information or questions about the workshop, call or email me at 541-386-3343, steve.castagnoli@oregonstate.edu.

1 pm – Yazi Farms, Mt Hood/Parkdale

This field is located on the corner of Hiway 35 and Woodworth Drive. Heading south on Hiway 35, the entrance is about 200 feet past the south end of Miller Rd. Turn into the driveway and drive back to the shop building. This stop will focus on pruning new blueberry bushes.

2:30 pm – McNerney Orchards, Parkdale

This field is located on Alexander Drive, between Woodworth Drive and Quinn Drive in lower Parkdale. This stop will focus on pruning established blueberry bushes.

4 pm – K & D Kiyokawa Orchards, 4715 Green Road, Dee Flat

Heading north on the Dee Highway, turn left onto Lost Lake Road, then turn right onto Punchbowl, then left onto Green Road. Follow Green Road for about ½ mile. Look for the blueberry field on the right.

Thanks to Fall Creek Farms and Nursery for sponsoring this program.

Plus

Oregon OSHA

FACT SHEET

Safety committees and safety meetings for agricultural employers

OAR
437-004-0251
Division 4/C

Safety committees and safety meetings for agricultural employers

Oregon OSHA has a new safety-committee/safety-meeting rule for agricultural employers – 437-004-0251. The rule, effective Jan. 1, 2011, includes an option for holding less-formal safety meetings.

Who has to comply?

The rule applies to all agricultural employers with *non-seasonal* workers. Count both full and part-time workers who you employ for more than 10 months during a calendar year. (Requirements for seasonal workers are covered in 437-004-0240, *Safety Orientation for Seasonal Workers*.)

- ▶ **When counting non-seasonal workers, you don't need to count members of your immediate family, including grandparents, parents, children, stepchildren, foster children, or any blood relative living as a dependent of the family.**

Can I have a safety committee or hold safety meetings?

All agricultural employers can have safety committees. Use this table to determine if you can hold safety meetings.

| IF: | You can have a safety committee | You can hold safety meetings |
|--|--|-------------------------------------|
| You have 10 or fewer workers at a location | Yes | Yes |
| You have 11 or more workers at a location | Yes | No |
| You have satellite or auxiliary work sites with 10 or fewer workers at each location | Yes | Yes |

- ▶ **Labor contractors:** You must have a safety committee or meetings based on the number of workers that you direct and control.

Safety committees – requirements

How many members does the committee need?

Membership depends on how many workers you have:

- Twenty or fewer workers: your committee must have at least two members.
- More than 20 workers: your committee must have at least four members.
- Members should represent the major types of activities at your workplace.

Who can be a member?

Your safety committee must have an equal number of management-selected and worker-elected (or volunteer) members. If everyone on the committee agrees, there can be more worker-elected members.

Web site:

www.orosha.org

Salem Central Office
350 Winter St. NE, Rm. 430
Salem, OR 97301-3882

Phone: 503-378-3272
Toll-free: 800-922-2689
Fax: 503-947-7461



Oregon
OSHA

Safety committees – requirements, *continued*

What does the committee have to do?

- Meet at least monthly – except when quarterly inspections occur. Employees must be paid at their regular rate of pay for attending the meetings, trainings, inspections, and other safety committee functions.
- Agree on a chairperson.
- Establish procedures for doing quarterly safety and health inspections. Those doing inspections must be trained in hazard identification.
- Review all quarterly safety and health inspection reports and recommend how to eliminate identified hazards.
- Work with management to establish procedures for investigating safety incidents, accidents, work-related illnesses, and fatalities. Investigators must be trained in the principles of accident investigation. All work-related lost-time injuries must be investigated.
- Evaluate investigation reports and recommend ways to prevent incidents from happening again.
- Set guidelines for training safety committee members. All committee members must be trained on the purpose and operation of the committee, in accident investigation, and in hazard identification.
- Evaluate your workplace's safety and health programs.
- Serve at least one year, when possible.

What records do I need to keep?

Keep a record of each meeting. Include:

- The meeting date
- Names of those attending
- All reports, inspections, evaluations, recommendations, management responses, and other safety and health-related items brought before the committee
- The date management agrees to respond to recommendations
- Keep the records for at least three years and make them available to workers who request them

Centralized safety committees – businesses that have more than one geographic location can have one central safety committee if the following apply:

- The locations are close enough so that workers know:
 - About the committee and who the members are
 - When the committee meets
 - How the committee shares information with management and workers
 - They have the right to have their safety and health concerns heard by the committee
 - How and where to report safety and health concerns, incidents, and accidents
- The central committee represents the safety and health interests of all workers at all locations.

Safety meetings – requirements

Who needs to attend safety meetings?

Include all available employees, including at least one management representative. Seasonal workers can – but are not required to – attend.

How often do we have to meet?

Meet at least monthly, on company time, with employees paid at their regular rate of pay.

What do we have to do at safety meetings?

- Discuss safety and health issues relevant to your workplace.
- Discuss reports and recommendations from quarterly workplace safety inspections and injury investigations.
- Give workers an opportunity to ask questions, bring up safety and health concerns, and make suggestions.

- ▶ Make sure that all workers can understand what's discussed at the meetings.

What records do I need to keep?

Keep a record of each meeting. Include:

- Meeting date
- Names of those attending
- Topics discussed

- ▶ If all your workers attend a safety meeting, just record the meeting date and the names of those who attended.

Keep the records for at least three years and make them available to workers who request them.

Recording and posting work-related incidents

OR 437
Division 1

Recording and posting work-related incidents

Recording work-related incidents

If your organization had **more than 10 employees** at any time during the last calendar year and is not in a designated* retail, service, finance, insurance, or real estate industry, you must keep the following injury and illness records.

- Worker's and Employer's Report of Occupational Injury or Disease (DCBS Form 801).
- Log of Work-Related Injuries and Illnesses (OSHA Form 300).
- Summary of Work-Related Injuries and Illnesses (OSHA Form 300A).

* Look for a complete list of the designated industries that are not required to keep injury and illness records in Table – 1 Partially exempt industries, in Oregon OSHA's Recordkeeping and Reporting Rule (OR 437-001-0700).

If your organization never had more than 10 employees at any time during the last calendar year you do not need to keep the **OSHA 300** or **300A** forms, but you must keep DCBS Form 801 for five years.

Retail, service, finance, insurance, or real estate industries or organizations do not need to keep the **OSHA 300** or **300A** forms, but you must keep **DCBS Form 801** for five years.

Hospitals and ambulatory surgical centers must keep a log of health care assaults that complies with Oregon OSHA's Recordkeeping for Health Care Assaults Rule (OR 437-001-0706).

Posting the OSHA 300A

If you must maintain an **OSHA 300 Log**, fill out the **OSHA 300A Summary of Work-Related Injuries and Illnesses**, or an equivalent form, to create an annual summary of injuries and illnesses recorded on the **OSHA 300 Log**, at the end of each calendar year.

The highest ranking manager at the location where the log was compiled or a manager who has jurisdiction over the location must review and certify (sign and date) that the document entries are true, accurate, and complete to the best of their knowledge.

You must post a copy of each establishment's annual summary in a conspicuous place no later than

Report of Job Injury or Illness
Workers' compensation claim

Worker

To make a claim for a work-related injury or illness, fill out the worker portion of this form and give to your employer. If you do not intend to file a workers' compensation claim with the insurance company, do not sign the signature line. Your employer will give you a copy.

Employer

Complete the rest of this form and give a copy of the form to the worker. Notify your workers' compensation insurance company within five days of knowledge of the claim. Even if the worker does not wish to file a claim, maintain a copy of this form.

OSHA requirements: On the job facilities and computers must be updated to OSHA-OSHA within eight hours. Refer to OSHA 300 Log case # _____ Date: _____

440-801 (09/06/07/08) **801**

OSHA's Form 300
Log of Work-Related Injuries and Illnesses

Year 20 _____

Establishment name: _____ City: _____ State: _____

| Identify the person | Describe the case | Classify the case | | Enter the number of days lost or restriction | Check the injury/illness or disease category |
|---------------------|-------------------|-------------------|-------------|--|--|
| | | (1) Injury | (2) Illness | | |
| ... | ... | ... | ... | ... | ... |

Page total: _____

440-300A (09/06/08)

OSHA Form 300A
Summary of Work-Related Injuries and Illnesses

Year 20 _____

Establishment name: _____ City: _____ State: _____ Zip: _____

Industry description (e.g., manufacturer of motor truck trailers): _____

Standard Industrial Classification (SIC) if known (e.g., SIC 3714): _____

Employment information (If you don't have these figures, see the worksheet on the back of this page to estimate):

Annual average number of employees: _____

Total hours worked by all employees last year: _____

Sign here: _____

I certify that I have examined this document and that, to the best of my knowledge, the entries are true, accurate, and complete.

Company executive: _____ Title: _____

Phone: (____) _____ Date: ____/____/____

440-300A (12/06) (09/06/08)

FREE on-site Consultation

FREE safety and health Classes

– in English and Spanish –

Web site:
www.orosha.org

Salem Central Office
350 Winter St. NE, Rm. 430
Salem, OR 97301-3882

Phone: (503) 378-3272
Toll-free: (800) 922-2689
Fax: (503) 947-7461



The summary must be posted at the location where the injury or illness occurred. In cases where the employees are mobile, the summary may be posted at a headquarters where employees regularly report to work.

Paperwork retention and updating

OSHA 300s, OSHA 300As, and 801 forms must be retained and updated as necessary for five years following the end of the calendar year that they cover.

If the establishment no longer exists, you must still have a separate **OSHA 300A** summary and it must be maintained for the requisite five years along with the **OSHA 300 Log** for that establishment.

Rules:

Recordkeeping and Reporting: OAR 437-001-0700

Rules for all Workplaces: OAR 437-001-0760

Recordkeeping for Health Care Assaults: OAR 437-001-0706

Program directives:

Inspection Criteria: *Temporary Employment and Leasing Agencies* (A-246)

Links to forms, rules, and program directives:

OSHA 300 and 300A forms

www.osha.org/pdf/pubs/3353.pdf

Recordkeeping and Reporting: OAR 437-001-0700

www.osha.org/pdf/rules/division_1/437-001-0700-0742.pdf

Rules for all Workplaces: OAR 437-001-0760

www.osha.org/pdf/rules/division_1/437-001-0760.pdf

Recordkeeping for Health Care Assaults: OAR 437-001-0706

www.osha.org/pdf/rules/division_1/437-001-0706.pdf

Inspection Criteria: *Temporary Employment and Leasing Agencies* (A-246)

www.osha.org/pdf/pds/pd-246.pdf

OSHA's Form 300

Log of Work-Related Injuries and Illnesses

Attention: This form contains information relating to employee health and must be used in a manner that protects the confidentiality of employees to the extent possible while the information is being used for occupational safety and health purposes.

Year 20 _____
 Department of Consumer & Business Services
 Oregon Occupational Safety &
 Health Division (Oregon OSHA)

You must record information about every work-related death and about every work-related injury or illness that involves loss of consciousness, restricted work activity, or job transfer, days away from work, or medical treatment beyond first aid. You must also record significant work-related injuries and illnesses that are diagnosed by a physician or licensed health-care professional. You must also record work-related injuries and illnesses that meet any of the specific recording criteria listed in OAR 437-001-0700. Use two lines for a single case if you need to. You must complete the Report of Injury or Illness (Form 801) or equivalent form for each injury or illness recorded on this form. If you're not sure whether a case is recordable, call your local Oregon OSHA office for help.

Establishment name: _____

City: _____ State: _____

| Identify the person | | Describe the case | | Classify the case | | | | | | | | | | | | | |
|---------------------|------------------------|--------------------------------------|---|---|--|--|--------------------------|---------------------------------------|------------------------------------|---|-----------------------------------|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| (A) Case no. | (B) Employee's name | (C) Job title (e.g., "welder") | (D) Date of injury or of illness | (E) Where the event occurred (e.g., "loading dock- north end") | (F) Describe injury or illness, parts of body affected, and object/substance that directly injured or made person ill (e.g., "second- degree burns on right forearm from acetylene torch") | Using these four categories, check only the most serious result for each case: | | | | Enter the number of days the injured or ill worker was: | | Check the "injury" column or choose one type of illness: | | | | | |
| | | | | | | Death | Days away from work | Remained at work | | Away from work | On job transfer or restriction | Injury | Skin disorder | Respiratory condition | Poisoning | Hearing loss | All other illnesses |
| | | | | | | (G) | (H) | Job transfer or restriction (I) | Other record- able cases (J) | (K) | (L) | (1) | (2) | (3) | (4) | (5) | (6) |
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OSHA Form 300A

Summary of Work-Related Injuries and Illnesses

Year 20 _____
 Department of Consumer & Business Services
 Oregon Occupational Safety &
 Health Division (Oregon OSHA)

All establishments covered by OAR 437-001-0700 must complete this *Summary*, even if no work-related injuries or illnesses occurred during the year. Remember to review the *Log* to verify that the entries are complete and accurate before completing this summary.

Using the *Log*, count the individual entries you made for each category. Then write the totals below, making sure you've added the entries from every page of the *Log*. If you had no cases, write "0."

Employees, former employees, and their representatives have the right to review the *OSHA Form 300* in its entirety. They also have limited access to the *DCBS Form 801* or its equivalent. See OAR 437-001-0700(20).

Number of cases

| | | | |
|------------------------|--|---|--|
| Total number of deaths | Total number of cases with days away from work | Total number of cases with job transfers or restriction | Total number of other recordable cases |
| _____ | _____ | _____ | _____ |
| (G) | (H) | (I) | (J) |

Number of days

| | |
|-------------------------------------|---|
| Total number of days away from work | Total number of days of job transfer or restriction |
| _____ | _____ |
| (K) | (L) |

Injury and illness types

| | | | |
|----------------------------|-------|-------------------------|-------|
| Total number of ... (M) | | | |
| (1) Injuries | _____ | (4) Poisonings | _____ |
| (2) Skin disorders | _____ | (5) Hearing loss | _____ |
| (3) Respiratory conditions | _____ | (6) All other illnesses | _____ |

Keep this Summary posted from Feb. 1 to April 30 of the year following the year covered by this form.

Establishment information

Your establishment name: _____

Street: _____

City: _____ State: _____ Zip: _____

Industry description (e.g., manufacturer of motor truck trailers)

Standard Industrial Classification (SIC) if known (e.g., SIC 3715)

____ _

Employment information (If you don't have these figures, see the worksheet on the back of this page to estimate.)

Annual average number of employees _____

Total hours worked by all employees last year _____

Sign here

Knowingly falsifying this document may result in a fine.

I certify that I have examined this document and that, to the best of my knowledge, the entries are true, accurate, and complete.

 Company executive

 Title

Phone: _____ Date: ____/____/____

All-terrain vehicles (ATVs)

You may know that many work-related injuries involving all-terrain vehicles (ATVs) happen in the agricultural sector. But did you know that nearly half of all work-related ATV injuries over the past five years happened in other industries? Read this fact sheet to find out what you should know about using an ATV on the job.

All-terrain vehicles (ATVs)

Accepted disabling claims involving ATVs in Oregon

| Industry | Acceptance year | | | | | Total |
|-------------------------------------|-----------------|-----------|-----------|-----------|-----------|------------|
| | 2005 | 2006 | 2007 | 2008 | 2009 | |
| Agriculture, forestry, fishing | 6 | 12 | 8 | 8 | 10 | 44 |
| Local government | 0 | 0 | 3 | 3 | 3 | 9 |
| State government | 3 | 1 | 1 | 2 | 2 | 9 |
| Retail trade | 2 | 1 | 1 | 1 | 2 | 7 |
| Construction | 3 | 2 | 1 | 0 | 0 | 6 |
| Administrative and waste services | 1 | 3 | 0 | 0 | 1 | 5 |
| Arts, entertainment, recreation | 0 | 1 | 1 | 1 | 1 | 4 |
| Professional and technical services | 0 | 0 | 0 | 2 | 2 | 4 |
| Real estate, rental, leasing | 0 | 0 | 0 | 4 | 0 | 4 |
| Wholesale trade | 0 | 0 | 0 | 2 | 1 | 3 |
| Accommodation and food services | 0 | 0 | 1 | 0 | 1 | 2 |
| Manufacturing | 0 | 0 | 1 | 0 | 0 | 1 |
| Transportation and warehousing | 0 | 0 | 0 | 0 | 1 | 1 |
| Utilities | 1 | 0 | 0 | 0 | 0 | 1 |
| Other services | 0 | 0 | 0 | 1 | 0 | 1 |
| Educational services | 0 | 0 | 1 | 0 | 0 | 1 |
| Total | 16 | 20 | 18 | 24 | 24 | 102 |

ATV classifications

In Oregon, there are three ATV classes:

- **Class I** – “a motorized, off-highway recreational vehicle 50 inches or less in width with a dry weight of 800 pounds or less that travels on three or more low pressure tires, has a saddle or seat for the operator and is ... capable of cross-country travel....” [ORS 801.190]
- **Class II** – “a motor vehicle that weighs more than a Class I all-terrain vehicle; is ... capable of cross-country travel...; and is actually being operated off a highway or is being operated on a highway for agricultural purposes under ORS 821.191” [ORS 801.193]
- **Class III** – off-road motorcycles that weigh less than 600 pounds [ORS 801.194]



FREE on-site

Consultation

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safety and health

Classes

– in English and Spanish –

Website:

www.orosha.org

Salem Central Office
350 Winter St. NE, Rm. 430
Salem, OR 97301-3882

Phone: 503-378-3272
Toll-free: 800-922-2689
Fax: 503-947-7461



Riding risks and hazards

Paved roads. ATVs can be difficult to control on paved roads, even at slow speeds. And they're hazards for other motorists who pass them on highways.

Excessive speed and rough terrain. ATVs make it easier to reach remote locations but drivers need to be aware of rocks, logs, ditches, and other obstacles. Excessive speed limits reaction time and increases the risk of overturning the vehicle or striking an unmarked object.

Steep slopes. ATVs are easy to overturn, especially on steep slopes. Inexperienced drivers tend to overestimate an ATV's stability on such terrain. Traversing slopes on three-wheel vehicles is particularly dangerous.

Passengers and unstable loads. Most ATVs are not designed to carry passengers; an extra rider doesn't have a secure place to stand or sit and makes the vehicle unstable. Improperly secured cargo also affects an ATV's stability.

Can I operate an ATV on a highway?

You can operate a Class I ATV on a highway if you're doing ranching, farming, or agricultural work and your vehicle doesn't exceed 20 miles per hour, stays close to the right-hand side of the highway, has a lighted headlight, and displays a slow-moving vehicle emblem.

Getting trained

Riders who use an ATV for farming, agriculture, forestry, nursery, Christmas tree growing operations, or riding on private land are exempt from any Oregon-required training. However, all other operators (Oregonians and non-residents) of Class I and Class III ATVs must take the Oregon Parks and Recreation Department's online *ATV Safety Course* by the following dates before they ride on public lands. [www.rideatvoregon.org/]

- 30 and under Jan. 1, 2010
- 40 and under Jan. 1, 2011
- 50 and under Jan. 1, 2012
- 60 and under Jan. 1, 2013
- All riders Jan. 1, 2014

Class II ATV users are exempt because a driver's license is required to operate them.

Using protective equipment

Essential protective equipment should include a motorcycle helmet with a fastened chinstrap, over-the-ankle boots, goggles or face shield, and off-road style gloves.

Riders under 18

Anyone under the age of 18 who rides an ATV on public lands must wear a DOT (or Snell) approved motorcycle helmet with the chinstrap fastened. Though a good idea, this requirement doesn't apply if the ATV is:

- Used exclusively in farming, agricultural or forestry operations or used by persons licensed under [ORS chapter 571](#) exclusively for nursery or Christmas tree growing operations
- Being used on land owned or leased by the owner of the vehicle
- A street-legal Class II vehicle registered in Oregon

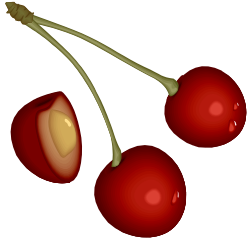
Guidelines for riding on public lands

Adapted from the Oregon Parks and Recreation Department, All-Terrain Vehicle program (FAQs)

- A valid operating permit from Oregon (or a state that has a reciprocal agreement with Oregon) is required.
- Mufflers must be no louder than 99 decibels. Lower levels are required on some public lands.
- Lights must be used before sunrise, after sunset, or when visibility is less than 100 feet.
- Red flags displayed nine feet above ground are required when riding on sand (for example, Sand Lake, Oregon Dunes, and Christmas Valley).
- Working brakes are required.
- Windshield wipers are required on any vehicle equipped with a windshield.

Further reading and browsing

- ORS Chapter 821: Off-Road Vehicles; Snowmobiles; All-Terrain Vehicles www.leg.state.or.us/ors/821.html
- OAR 735-116-0000: Safety Equipment Standards for Off-Road Vehicles http://arcweb.sos.state.or.us/rules/OARS_700/OAR_735/735_116.html
- ORS Chapter 571: Nursery Stock; Licensed Crop and Christmas Tree Growers, Handlers and Dealers www.leg.state.or.us/ors/571.html
- Oregon Parks and Recreation Department, All-Terrain Vehicle program: www.oregon.gov/OPRD/ATV/qa.shtml
- The Oregon Online ATV Safety Education Course: www.rideatvoregon.org/
- Hazards Associated with All-Terrain Vehicles (ATVs) in the Workplace — Safety and Health Information Bulletin, OSHA: www.osha.gov/dts/shib/shib080306.html



Mid-Columbia Cherry Day & MCAREC Sweet Cherry Research Symposium

Tuesday, February 8, 2011

Columbia Cinemas, 2727 W. 7th St., The Dalles, OR
(behind K-Mart)

| Time | Topic | Speaker |
|-------------|--|---|
| 8:00 | Welcome | Lynn Long, OSU Extension |
| 8:10 | Managing Native Soil Biology to Optimize Tree Health | Dr. Mark Mazzola, USDA ARS |
| 8:40 | The How's and Why's of the UFO Training System | Mark Hanrahan Washington State Cherry Grower |
| 9:10 | How MRL's Can Ruin Your Day (and what's being done about it) | Dr. Mike Willett—Northwest Horticultural Council |
| 9:40 | Break | Sponsored by Brandt's Fruit Trees |
| 10:00 | CGCC Outstanding Cooperator of the Year Award | Presented by Jeff Heater, President |
| 10:15 | Clean Water for Salmon—an introduction to Salmon-Safe Certification for Cherry Growers | Kevin Scribner, Salmon Safe |
| 11:00 | How to Market Big Crops and Deal with Large Inventories | Bruce Grimm, Director, NW Cherry Marketing Association |
| 11:30 | Spotted Wing Drosophila: Year 1 Efforts. What's Next? Brown Marmorated Stinkbug! | Dr. Peter Shearer, OSU MCAREC |
| 12:00 | Lunch | Sponsored by Extenday, G.S. Long, Sheppard CM and WO Inc., Western Ag Improvement, Wilbur-Ellis |
| 1:00 | Introduction to Cherry Research Review | Brian Tuck, Director, OSU MCAREC |
| 1:15 | Research Studies for Sustainable Management in Sweet Cherry | Dr. Anita Azarenko, OSU, Department of Horticulture |
| 1:45 | Proper Harvest Timing for Premium Quality Cherries | Lynn Long, OSU Extension |
| 2:15 | An update on Fruit Set and Pollination Biology and other Research | Dr. Matthew Whiting, WSU Prosser |
| 2:45 | MCAREC Sweet Cherry Research Update | Dr. Todd Einhorn, OSU MCAREC |



Extension Service
Wasco County

Mid-Columbia Agricultural
Research and Extension Center

Extension Service
Wasco County

Phone: 541-296-5494

FAX: 541-298-3574

Email:

lynn.long@oregonstate.edu

Sponsored by
Columbia Gorge Fruit Growers
Mid-Columbia Agricultural Research and Extension Center
Oregon State University, Wasco County Extension