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**Continuing education for horticulture professionals
at the Center for Urban Horticulture and Washington
Park Arboretum**

SPRING 2003 OFFERINGS

Basic Pruning

Friday, March 7

Diagnosing Arthropod Pest Damage on Landscape Plants

Tuesday, April 8

**Common Root Rots in the Pacific Northwest:
Recognition, Cultural, Biological and Chemical Controls**

Thursday, May 15



UNIVERSITY OF WASHINGTON
COLLEGE OF FOREST RESOURCES

CENTER *for* **URBAN HORTICULTURE**



CENTER for URBAN HORTICULTURE

Basic Pruning

Friday, March 7, 9 a.m. to noon

Graham Visitors Center, Washington Park Arboretum

*Instructor: Bess Bronstein, Horticulture Consultant
and Edmonds CC Instructor*

Fee \$35; Pre-registration required.

ISA RECERTIFICATION CREDITS PENDING

CPH CREDITS AVAILABLE THROUGH WSNLA

This class at the Washington Park Arboretum will cover specific techniques to prune a variety of trees and shrubs. The class will then go into the arboretum for a demonstration of the techniques that were discussed. Please dress warmly and bring rain gear if needed.

Diagnosing Arthropod Pest Damage on Landscape Plants

Tuesday April 8

NHS Hall, Center for Urban Horticulture

10 a.m. to noon

Fee \$25; pre-registration required.

WSDA PESTICIDE RECERTIFICATION CREDITS PENDING

ISA RECERTIFICATION CREDITS PENDING

CPH CREDITS AVAILABLE THROUGH WSNLA

Arthropods are animals with tough outer skeletons, segmented bodies, and jointed legs, examples of which include insects, spiders, cockroaches, and millipedes. Most arthropods are harmless to plants, but some are considered pests. Diagnosis is the first step in a good IPM program. Accurately identifying pests and/or their damage is important to prevent unneeded management strategies. Not only is it important to avoid unneeded chemical applications, but to also avoid impacting non-target organisms. Dr. Art Antonelli, WSU Extension Entomologist, will address twelve categories of arthropod pest damage, from stipling to galling, and many signs and symptoms in between. He will show slides and provide students the opportunity to practice identifying signs and symptoms of damage likely to be seen in the Puget Sound area.

Common Root Rots in the Pacific Northwest: Recognition, Cultural, Biological & Chemical Controls

Thursday May 15, 8:30 a.m. to noon

NHS Hall, Center for Urban Horticulture

Instructor: Dr. Olaf Ribeiro, Plant Pathologist

Fee \$35; Pre-registration required.

WSDA PESTICIDE RECERTIFICATION CREDITS PENDING

ISA RECERTIFICATION CREDITS PENDING

CPH CREDITS AVAILABLE THROUGH WSNLA

This course will cover the diagnosis and control of common root rots encountered in nurseries and landscapes in the Pacific Northwest. The first half of the class will go over Phytophthora diseases and the second half will cover other common root rots. Discussion on an IPM approach to control the pathogens described will be included. This will encompass the valuation of chemicals, biological controls and cultural practices such as the use of composts and soil amendments. Dr. Olaf Ribeiro is owner of Ribeiro Plant Lab, Inc. and is author of *A Source Book of the Genus Phytophthora* and co-author of *Plant Diseases Worldwide*.

Coming Soon! West Nile Virus Workshop

For information on this developing program, check the website at www.urbanhort.org.

West Nile Virus reached the state of Washington in 2002 and is here to stay. This workshop will be targeted to journalists, garden consultants, volunteers, and others who will, in turn, teach or offer advice to others. Included will be topics on the disease itself and its symptoms, history, and who is most at risk; mosquito biology and control; personal protection from mosquitoes; garden and property management; protection for animals; and gimmicks, myths, and shysters to avoid.

Cooperating organizations include:

- UW School of Public Health & Community Medicine
- UW Medical School, Dept. of Comparative Medicine
- Washington Cooperative Fish & Wildlife Research Unit of the UW School of Aquatic & Fisheries Science
- U.S. E.P.A. Region 10

There is still time to register for the **"Tools and Techniques to Manage the Urban Forest"** symposium to be held on March 13 and 14, 2003 at CUH. The symposium will review how urban forestry, environmental horticulture, and social sciences create strategies to manage natural resources in the urban environment. For registration and schedule information, check the web site at www.urbanhort.org or phone 206-685-8033.

Linda Chalker-Scott named "Educator of the Year" for 2002 by WSNLA. The Washington State Nursery and Landscape Association has awarded Dr. Linda Chalker-Scott of CUH the Educator of the Year award for 2002. Linda writes a monthly column titled 'Of Myth and Men' for the WSNLA newspaper "B&B" and is an Associate Professor of Plant Stress Physiology and Sustainable Landscape Management. Students in her classes have gained valuable real-life experience in designing and installing sustainable urban landscapes. Congratulations, Linda, for this well-deserved honor.

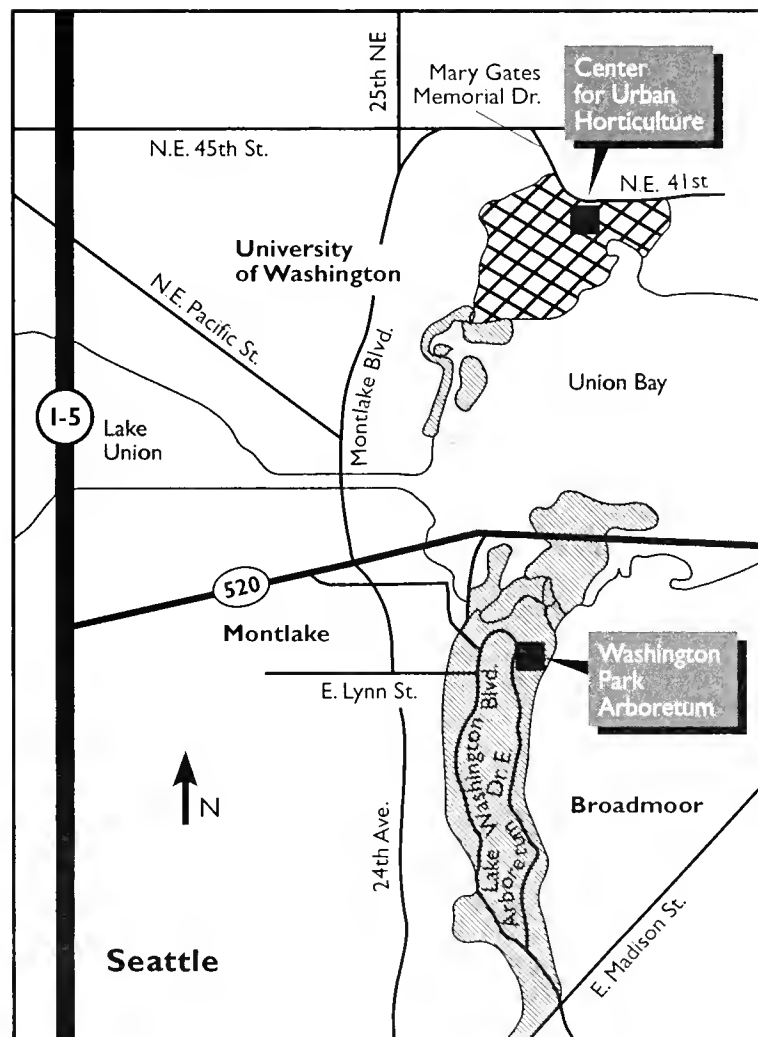
Could trees actually be the cause of air pollution?

St. Louis has some of the highest formaldehyde air pollution levels in the country so researchers at EPA and Washington University are conducting a study to pinpoint the source of these unusually high levels. Cars and industries are known contributors of formaldehyde but the oak forests surrounding St. Louis are also suspect since oak trees give off isoprene that reacts with sunlight and water to create formaldehyde. Monitors are being installed near the forest to determine the actual contribution from the oaks. http://chblue.com/artman/publish/article_1115.shtml

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Seed Germination without Soil. One of the basics of horticultural science has been overturned. A new study claims that water vapor, not liquid water, is the necessary ingredient in soil to cause germination. Previously it was assumed that seeds must be in direct contact with soil to obtain water needed for germination. Stewart Wuest at the Agricultural Research Service showed that seeds separated from the soil by crop residue, fiberglass cloth, or even air germinated just as well as when they were in contact with soil. The results will influence water absorption models and potentially the design of seeding equipment. www.ars.usda.gov/is/pr/2003/03017.htm

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Spring 2003 Seminar Registration

<input type="radio"/> Basic Pruning, March 7	\$ 35
<input type="radio"/> Diagnosing Arthropod Pest Damage on Landscape Plants, April 8	\$ 25
<input type="radio"/> Common Root Rots in the Pacific Northwest, May 15	\$ 35
TOTAL	\$ _____

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