



# PROHORT

Vol. 14, No. 1

Winter 1996

## DESIGN SOLUTIONS: WORKING WITH SLOPES

Thursday, January 18, 8:30 a.m. to 12:30 p.m.  
Center for Urban Horticulture NHS Hall  
\$20; pre-registration required

### GEOLOGY & HYDROLOGY REVIEW

**Derek Booth**, Director, UW Center for Urban Water Resources Management, and Geologist, King County Surface Water Management, describes the underlying geologic and hydrologic conditions and processes that determine soil erosion and slope failure.

### ENGINEERING & ARCHITECTURAL ISSUES

**Robert Foley**, Principle of Robert Foley & Associates, Inc., and Lecturer, UW Department of Landscape Architecture, discusses engineering and architectural issues and options relative to slope stabilization and soil erosion management.

### DESIGN & PLANT SELECTION ISSUES

**Keith Geller**, Landscape Architect and Instructor, discusses aesthetic and other concerns relative to plant selection and placement when designing on slopes.

## PRUNING LANDSCAPE TREES & SHRUBS

Wednesday, January 31, 9 a.m. to 3 p.m.  
Washington Park Arboretum Graham Visitors Center  
\$30, fee includes lunch; pre-registration required

*Program is for entry level professionals.*

### PRUNING PRINCIPLES

This introductory lecture by **Dr. Ray Maleike**, Extension Horticulturist, WSU-Puyallup, will review pruning techniques, tools and timing relative to training, preserving and renovating landscape plants.

### PRUNING PRACTICES

This combination lecture/field demonstration will focus on specific plant group pruning techniques. Landscape plants to be covered include: rhododendrons and azaleas; other common deciduous and evergreen shrubs; deciduous, broad-leaved evergreen and coniferous trees.

## PLANT HEALTH CARE PRINCIPLES & PRACTICES

Thursday, February 15, 9 a.m. to 3 p.m.  
Center for Urban Horticulture NHS Hall  
\$30, fee includes lunch; pre-registration required

*This program earns 6 WSDA Pesticide Recertification Credits.*

**PROGRAM OVERVIEW:** Plant Health Care can be defined as an overall system in which soil management, plant selection, irrigation practices and more combine to provide optimum growing conditions for plants - striving to grow healthy plants. The emphasis is on preventing problems. Integrated Pest Management (IPM), for instance, is one of the strategies included in a plant health care approach to landscape management. In this first of a series of **practical, hands-on** programs to be presented this year, we will lay the foundation for a Plant Health Care (PHC) approach by examining basic terminology, principles and practices. Subsequent programs will use this PHC system to discuss management of specific plant groups. For instance, in March, we will focus on conifers (see listing on next page), in April we will discuss ornamental & edible fruits, in May, rhododendrons & azaleas. Other plant groups during 1996 will include landscape trees, landscape shrubs, turf, and annuals/perennials.

### TOPICS & INSTRUCTORS:

#### PLANT HEALTH CARE PRINCIPLES

**Dr. Ray Maleike**, Extension Horticulturist, WSU-Puyallup, discusses the basic principles of a comprehensive plant health care program, including plant selection, site/environmental conditions, thresholds, monitoring systems, pest management, and more.

#### USING A SYSTEMATIC APPROACH TO DIAGNOSING PLANT DAMAGE

**Dr. Jim Green**, Extension Horticulturist, Oregon State University, Corvallis, builds upon the previous discussions of pest management practices by detailing a systematic approach for diagnosing plant damage. Learn how to define the problems, look for patterns, delineate time-development patterns of damage, and determine causes of damage. **Hands-on classroom and field work** will be used to illustrate and practice these skills.

## COLOR UPDATE

Thursday, February 29, 9 a.m. to Noon  
Center for Urban Horticulture NHS Hall  
\$20; pre-registration required

### NEW ANNUALS (& Perennials)

What new annuals and other herbaceous plants are coming to the marketplace? What producer and consumer trends are anticipated? **Peggy Campbell**, Education Director of Molbak's Nursery in Woodinville, shares slides on the best of the new annuals, and discusses their culture and availability.

### NEW PERENNIALS (& Annuals)

**Marianna Metke**, Sales Manager of Skagit Gardens in Mt. Vernon, presents this review of the best of the new perennials and other herbaceous plants, their care and availability, and anticipated market trends. As new plants, or new selections of old standards, or used in new combinations, perennials are still a hot item.

## MANAGING CONIFERS

Monday, March 11, 9 a.m. to 3 p.m.  
Washington Park Arboretum Graham Visitors Center  
\$25, fee includes lunch; pre-registration required

*This program earns 4 WSDA Pesticide Recertification Credits.*

**PROGRAM OVERVIEW:** Building upon the Plant Health Care principles introduced previously (see above listing), this program will address conifer management in the urban landscape. Because of the great diversity of conifers in Northwest landscapes, this program will focus only on pine, spruce, Douglas-fir, and true fir. Later this year, an additional program will focus on other genera.

### TOPICS & INSTRUCTORS:

#### CONIFER SELECTION & CULTURE

Dr. Ray Maleike, Extension Horticulturist, WSU-Puyallup, will review the cultural requirements of pines, firs, spruce and Douglas-fir. Understanding plant needs relative to site conditions and design goals will allow for proper selection and placement of plants in the landscape.

#### SYSTEMATIC APPROACH TO PEST DIAGNOSIS IN CONIFERS

Dr. Susan Miller, IPM Specialist, WSU-King County, reviews common and not-so-common pest problems of fir, spruce, pine and Douglas-fir. A demonstration of a systematic approach to diagnosis will be presented. **Participant classroom work** with hand lenses, microscopes and specimens will be followed by **field diagnosis practice** in the Arboretum collections. IPM strategies will be discussed.

## OTHER EDUCATIONAL OPPORTUNITIES

### EDMONDS COMMUNITY COLLEGE AUTUMN

**COURSES:** Winter Plant ID; Soils & Plant Nutrition; Pest Management Principles; Pruning; Greenhouse Studies; Plant Propagation; Winter Gardening; Landscape Design I; Sprinkler Design. Evening classes will include: Tools & Equipment; Winter Plant ID; Soils & Plant Nutrition; Pruning; Turf Weeds ID; Interiorscaping & House Plants; Design Presentation; Wholesale Nursery Operations. For registration information, call (206) 640-1679.

### SOUTH SEATTLE COMMUNITY COLLEGE AUTUMN

**COURSES:** Winter Plant ID; Landscape Design II; Principles of Horticulture Science II; Pruning; Plant Propagation; Transplanting & Establishing Urban Trees; Landscape Design I; Small Business Management. Evening classes will include: Landscape Design II; Principles of Horticulture Science I & II; Soils & Plant Nutrition; Landscape. Contracts & Specifications. To register, call (206) 764-5394.

## PROHORT BOOKSHELF

by Valerie Easton, CUH Horticultural Librarian

Hours are Mondays, 9 a.m. to 8 p.m., Tuesdays through Fridays, 9 a.m. to 5 p.m., except holidays. Phone: (206) 685-8033. Miller Library (and CUH) will be closed Mondays, January 1 & 15, and February 19.

New titles of interest:

*Aquatic Weeds: The Ecology and Management of Nuisance Aquatic Vegetation*, by Arnold H. Pieterse and Kevin J. Murphy. New York: Oxford University Press, 1993.

*Betrock's Guide to Landscape Palms*, by Alan W. Meerow. Cooper City, FL: Betrock Information Systems, 1992.

*Gardening: Equipment for Disabled People*, by D. Hollinrake. 2nd ed. Oxford: Disability Information Trust, 1992.

*Growing Trees for Farms, Parks, and Roadsides: A Revegetation Manual*, by Julianne Venning. Melbourne: Lothian, 1988.

*Manual of Grasses*, by Rick Darke. 1st ed. Portland, OR: Timber Press, 1994.

*Natural Insect Control: The Ecological Gardener's Guide to Foiling Pests*. Handbook #139. New York: Brooklyn Botanic Garden, 1995.

*Plant Health Care: A Guide to the Plant Health Care Management System*, by M. A. L. Smith, et al. Savoy, IL: International Society of Arboriculture and University of Illinois, 1993.

*The Pruning of Trees, Shrubs and Conifers*, by George E. Brown. Portland, OR: Timber Press, 1995, c1972.

*State Environmental Policy Act Rules*, by Washington State Dept. Of Ecology. Olympia: State of Washington Dept. Of Ecology, 1984.

*Successful Small Gardens: New Designs for Time Conscious Gardeners*, by Roy Strong. New York: Rizzoli, 1995.

*The Wild Lawn Handbook: Alternatives to the Traditional Front Lawn*, by Stevie Daniels. New York: Macmillan, 1995.

## PROHORT VIDEOS AVAILABLE

Over the past 18 months, CUH staff have been working to videotape as many ProHort seminars as possible. These videos are now available for rental use. Although the video and audio quality of these tapes is far from perfect, all tapes are of an acceptable quality for personal or in-company training uses. A recently acquired remote microphone system will allow for much greater audio quality in future program tapes.

The policy for video rental use is as follows:

1) Videos are available on a first to reserve, first to receive basis: they can be reserved by phoning Dave Stockdale or Jean Robins at the Center at (206) 543-8616, or on a drop-in basis at CUH.

2) Fees are \$5 per tape (NOT per seminar) payable in advance, plus any mailing costs; most seminars use 2-4 tapes. To reduce user costs, tapes can be picked up from and returned directly to CUH, thus avoiding postage.

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### PROHORT Seminar Registration

___ DESIGN SOLUTIONS: WORKING WITH SLOPES	\$20.00
___ PRUNING LANDSCAPE TREES & SHRUBS	\$30.00
___ PLANT HEALTH CARE PRINCIPLES & PRACTICES	\$30.00
___ COLOR UPDATE	\$20.00
___ MANAGING CONIFERS	\$25.00

TOTAL: \$ \_\_\_\_\_

**Group Rates:** five or more persons, less 20%. Group registrations must be accompanied by ONE check or purchase order at least one week in advance.

Portion of fees may cover refreshments and speaker expense.

Make checks payable to the University of Washington; receipts available at the door. Mail payment and registration to: Center for Urban Horticulture/ProHort, University of Washington, Box 354115, Seattle, WA 98195-4115. For information, call 685-8033.

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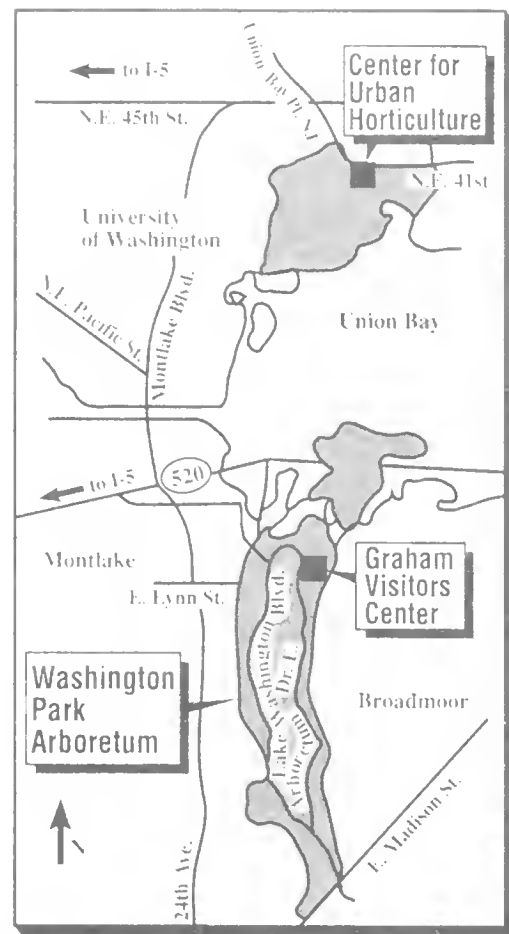
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To request disability accommodation contact the Office of the ADA Coordinator, at least ten days in advance of an event: 543-6450 (voice) 543-6452 (TDD); 685-3885 (FAX) access@u.washington.edu (email)



3) A \$10 per tape deposit must be made in advance, and will be completely refunded upon the return of the undamaged, fully rewound tapes.

4) Tapes cannot be checked out for more than seven days at one time.

5) Tapes may not be reproduced, and remain the sole property of the University of Washington Center for Urban Horticulture.

**Seminars currently available for rental are:** Choosing the Right Tree; Restoration Ecology; Urban Watershed Management; Trees Versus Sidewalks; Greenhouse Pest Management; Urban Soils; Urban Forestry Stewardship Forum; Basic Landscape Sprinkler Design.

Contact the Continuing & Public Education staff at CUH for clarification or further information.

The Center for Urban Horticulture is dedicated to research, teaching and public service concerning the selection, management, and role of plants and of ecosystems in urban landscapes.

College of Forest Resources  
Center for Urban Horticulture  
University of Washington  
Box 354115  
Seattle, WA 98195-4115

09-9615-122



## PLANTER DESIGN CONTEST FOR PROFESSIONALS

CUH would like to invite you to design the 1996 display for the three permanent containers in front of our building. The winning entry will receive \$50 credit to attend any educational program sponsored by CUH, plus have their name/company name posted beside the containers along with the plant list.

### CONTEST RULES:

1) Entries must be received before March 29, 1996; mail your entries to the address listed on the Registration Form in this newsletter. 2) There are three concrete aggregate planters, each 21" wide, 39" long, 12" tall; a design is for the complete set of three, not for an individual container. 3) You may enter as many designs as desired. 4) Any type of reasonably available and affordable plant materials may be specified; no hard to find plants, please (unless you can be a source for them). 5) Planters will be installed in April and must provide interest through October.

ProHort Seminars are planned and conducted cooperatively by the UW Center for Urban Horticulture and the WSU Cooperative Extension-King County Horticulture Program.

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