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- SO. Okholm, D.1997. **Pacific Northwest Nursery Directory and Report.** Publication No. R6-CP-TP-97. Portland, OR: USDA Forest Service, State and Private Forestry. 62 p.

This softbound report consists of a directory of forest and conservation nurseries in Oregon and Washington and surrounding states, as well as tabular and graphical seedling production information for the current year. Although it doesn't list which plant species that a nursery grows, it does list stock groupings such as commercial conifers, wildlife habitat, and windbreak species.

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- SO. Landis, T.D.; Thompson, J.R., tech. coords. **National Proceedings, Forest and Conservation Nursery Associations -1997.** Gen. Tech. Rep. PNW-GTR-419. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 163 p.

This softbound publication is the combined proceedings from the two regional forest and conservation nursery meetings in 1997. The Northeastern Forest Nursery Association conference was held in Bemidji, MN on August 11-14, and the Western Forest and Conservation Nursery Association meeting was held in Boise, ID on August 19-21. The 27 papers cover subjects ranging from seed collection and processing; through bareroot and container cultural practices; to harvesting, storage and outplanting.

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- SO. Longman, K.A. 1995. **Preparing to Plant Tropical Trees.** London: Commonwealth Secretariat Publications. 238 p.

This spiralbound book is the second in Tropical Trees: Propagation and Planting Manuals series which will eventually contain five volumes. The chapters in this book include: Introduction, General Principles of Tree Survival, Types of Planting site, and Which Tree species, For What Purpose? Deciding on the Growing System, and Preparing the Ground. The target audience is small, private landowners in tropical climates and text is written in an easy-to-understand style that addresses common questions.

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- SO. Haase, D.L.; Rose, R. 1997. **Symposium Proceedings: Forest Seedling Nutrition from the Nursery to the Field.** Oct. 28-29, 197, Corvallis, OR. Corvallis, OR: Oregon State University, College of Forestry. 161 p.

The spiral-bound publication contains 18 papers on principals of seedling nutrition, fertilizer technology, monitoring seedling nutrition, and current research and practices in both nursery and field applications. A limited number of copies are available.

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- SO. **Proceedings: 1997 Annual International Research Conference on Methyl Bromide Alternatives and Emissions Reductions.** Nov. 3-5, 1997. San Diego, CA. Fresno, CA: Methyl Bromide Alternative Outreach.

This softbound publication contains over 120 articles from presentations and posters by scientists from all over the world. Although those dealing with forest and conservation nurseries are relatively few, growers can learn much from the work that is being done with other crops. Single copies are available from the address below, and a mailing charge may be required for foreign shipments.

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- SO. Kolotelo, D.1997. **Anatomy & Morphology of Conifer Tree Seed.** Forest Nursery Technical Series 1.1. Surrey, BC: British Columbia Ministry of Forests, Nursery and Seed Operations Branch. 60 p.

This spiral-bound manual contains sections on Tree Seed Components, Cutting Tests, Seed Dormancy, Seed Germination, Genera Profiles of commercial northwest tree species. It is written in an easy-to-read style and contains numerous color illustrations and photographs that add to its usefulness.

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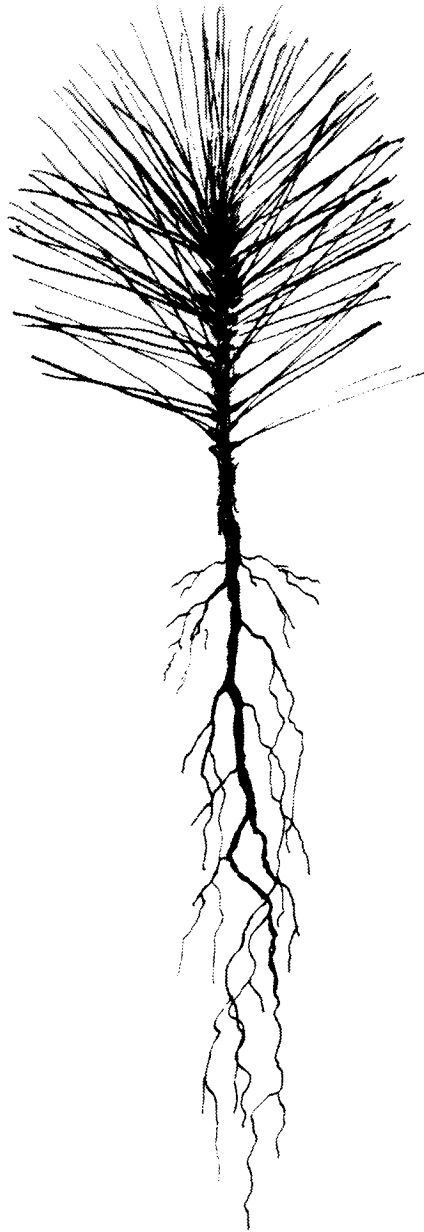
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- SO. James, R.L.1997. **Proceedings of the Third Meeting of IUFRO Working Party S7.03-04: Diseases & Insects in Forest Nurseries**. Report 97-4. May 19-24, 1996; Orlando-Gainesville, FL. Missoula, MT: USDA Forest Service, Forest Health Protection. 156 p.

This softbound publication contains 25 articles by nursery pest specialists from all over the world. Subjects include general insects and diseases, Fusarium diseases, Alternative to methyl bromide and other chemical soil fumigation, and miscellaneous papers. A limited number of copies are available.

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Business Management

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8. **The Internet and how it applies to the nursery industry.** O' Meara, B. International Plant Propagators' Society, Combined Proceedings 1996,46:678-691.1997.
9. **The Internet: What's out there for you?** Rice, C.; Bruce, V. IN: 1997 National proceedings, Forest and Conservation Nursery Associations, p. 125-131. T.D. Landis and J.R. Thompson, tech. coords. USDA Forest Service, Pacific Northwest Research Station, General Technical Report PNW-419.1997.
10. **Optimizing nursery operation schedules with multiperiod linear programming.** van Rensburg, R. J.; Bredenkamp, B. V. Southern African Forestry Journal 179:7-11.1997.
11. **Taming the inventory dragon.** Bates, A. American Nurseryman 186(1):52-54, 56-61.1997. Bar code technology for tracking plant stock. Container Production
12. **Changes in root length and diameter in plants grown in copper-treated containers.** Stafford, M.; Geneve, R. L.; McNiel, R. E. International Plant Propagators' Society, Combined Proceedings 1996,46:608-610.1997.
13. **©Coating nursery containers with copper carbonate improves root morphology of five native Australian tree species used in agroforestry systems.** Dunn, G. M.; Huth, J. R.; Lewty, M. J. Agroforestry Systems 37(2):143-155. 1997.
14. **Controlling root systems with slit containers.** Watanabe, S. International Plant Propagators' Society, Combined Proceedings 1996, 46:719-720. 1997.

15. ***IRRRB growth chamber: tree seedlings produced for mineland reclamation.*** Jordan, D. R. IN: 1997 National proceedings, Forest and Conservation Nursery Associations, p. 12. T.D. Landis and J.R. Thompson, tech. words. USDA Forest Service, Pacific Northwest Research Station, General Technical Report PNW-419. 1997.
16. ***®Sodium carbonate inhibits emergence and growth of greenhouse-grown white spruce.*** Maynard, D. G.; Mallett, K. L.; Myrholm, C. L. Canadian Journal of Soil Science 77:99-105.1997.
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51. **Nutrient survey of nursery stock in Ireland and U.K. including nutrient reserve analysis in controlled-release fertilizer and leaf analysis.** Prasad, M. *International Plant Propagators' Society, Combined Proceedings 1996*, 46:183-189. 1997.
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54. **A shift of paradigm is needed in plant science.** Ingestad, T. *Physiologia Plantarum* 101(2):446-450. 1997. An opinion paper (with comments solicited) that suggests that the driving variable commonly used for uptake, external concentration, should be abandoned since its form makes it incompatible with the uptake rate. SO.
50. **Symposium proceedings: Forest seedling nutrition from the nursery to the field.** Haase, D. L.; Rose, R. Oregon State University, College of Forestry. 161 p. Held October 28-29, 1997, Corvallis, OR. 1997. ORDER FROM: Diane Haase, Nursery Technology Cooperative, OSU Department of Forest Science, Corvallis, OR 97331. Phone: (541) 737-6576. Fax (541) 737-5814. E-mail: haased@fsl.orst.edu. Price: \$20.00.

General and Miscellaneous

55. **Beltrami County natural resource management.** Reed, M. IN: 1997 National proceedings, Forest and Conservation Nursery Associations, p. 5-7. T.D. Landis and J.R. Thompson, tech. coords. USDA Forest Service, Pacific Northwest Research Station, General Technical Report PNW-419.1997.
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- SO. **National proceedings, Forest and Conservation Nursery Associations, 1997.** Landis, T. D.; Thompson, J. R. , eds USDA Forest Service, Pacific Northwest Research Station, General Technical Report PNW-GTR-419.163 p.1997. Each paper in index individually in this issue of Forest Nursery Notes. ORDER FROM: USDA Forest Service, Pacific Northwest Research Station, P.O. Box 3890, Portland, OR 97208. Free. (Or circle B on the Literature Order Form).
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Genetics and Tree Improvement

65. **Breeding and nursery propagation of cottonwood and hybrid poplars for use in intensively cultured plantations.** Riemenschneider, D. E. IN: 1997 National proceedings, Forest and Conservation Nursery Associations, p. 38-42. T.D. Landis and J.R. Thompson, tech. coords. USDA Forest Service, Pacific Northwest Research Station, General Technical Report PNW-419.1997.
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Nursery Structures and Equipment

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94. ***Venting heater frustration.*** Duncan, G. A. Greenhouse Grower 15(14):58-60.1997. When using unvented heaters in the greenhouse, there are several traps to avoid.

Outplanting Performance

95. ***Conifer establishment in South Island high country: influence of mycorrhizal inoculation, competition removal, fertilizer application, and animal exclusion during seedling establishment.*** Davis, M. R.; Grace, L. J.; Howell, R. F. New Zealand Journal of Forestry Science 26(3):380-394.1996.

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