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**SO.** Kooistra, C. M. tech. coord. 1998. **Proceedings of the 1995, 1996, and 1997 Annual Meetings of the Forest Nursery Association of British Columbia.** Vernon, BC: Ministry of Forests. 197 p.

This softbound publication is a collection of 45 papers presented at the last 3 meetings of the Forest Nursery Association of British Columbia (FNABC). Topics range from conifer seedling morphology and physiology, native plant issues, nursery culture, and outplanting performance. Although the format and layout of the various papers varies considerably, the legibility is generally good and the technical quality is excellent. The supply of hardbound copies is extremely limited but this publication will soon be on the WWW

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**SO.** Weiler, T C.; Sailus, M. eds. 1996. **Water and Nutrient Management For Greenhouses.** Pub. No. NRAES-56. Ithaca, NY: Northeast Regional Agricultural Engineering Service. 102 p.

This softbound publication contains nine chapters: Introduction; Crop Nutrient Needs; Water: Basics, Analysis, and Delivery; Fertilizer: Basics, Analysis, and Formulation; Fertilizer Proportioners; Temperature; Biotic Environment; Substrate: Basics, Analysis, and

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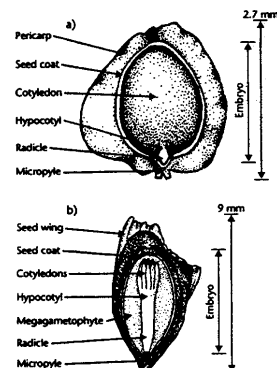
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**SO.** Leadem, C.L.; Gillies, S.L.; Yearsley, H. K.; Sit, V; Spittlehouse, D.L.; Burton, F.J. 1997. **Field Studies of Seed Biology.** British Columbia Ministry of Forests, Land Management Handbook No. 40. Victoria, BC: Crown Publications, Inc. 196 p.

Anyone who has conducted research in the field quickly comes to realize the complexity of natural ecosystems. This softbound publication is a practical "how-to" manual for planning and conducting studies of seed biology in field locations. Although primarily oriented to seed researchers and foresters, this manual also contains seed testing and treatment information useful to nurseries. Good illustrations (Figure 1) add to its usability.



**Figure 1.** Tree seed anatomy (longitudinal sections): (a) red alder, an angiosperm; and (b) Douglas-fir, a gymnosperm.

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SO. Hanan, J. 1998. **Greenhouses: Advanced Technology for Protected Horticulture.** Boca Raton, FL: CRC Press, Inc. 684 p.

This hardbound book is an update of the 1978 textbook Greenhouse Management by Hanan, Holley, and Goldsberry, which has been out-of-print for many years. Because it was designed as a college textbook, it contains much highly technical information and will be most useful as a reference by greenhouse growers.

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SO. Longman, K.A. 1998. **Growing Good Tropical Trees for Planting.** London: Commonwealth Secretariat Publications. 226 p. ISBN 0-85092-535-5

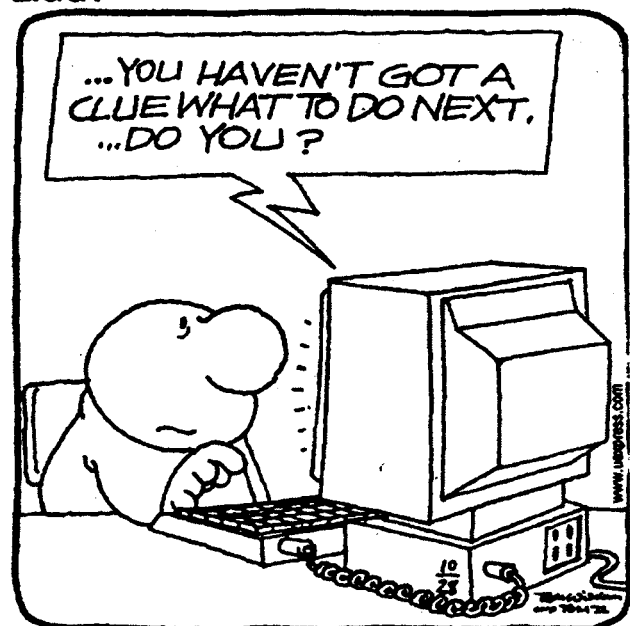
This spiral-bound book is Volume 3 in the series Tropical Trees: Propagation and Planting Manuals which are being written for the non-industrial grower in developing countries. The focus of this volume is growing good planting stock and so will be of interest to all nursery folks. Chapters include Introduction; General Principles of Tree Growth; Planning a Tree Nursery; Micro-organisms, Nutrients and Tree Growth; Protecting Growing Trees; Running a Tree Nursery; and Checklists, Sources and Records. Numerous high quality illustrations increase the usability of this nursery manual.

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2. Sowing technology of silver fir (*Abies pindrow*) seed in nursery. Singh, O. Indian Forester 124(7):570-572. 1998.

3. Timing methods used in propagation practices. Jones, J. W. International Plant Propagators' Society, combined proceedings 1997, 47:338-341. 1998. Advocates using degree days rather than calendar date to determine ideal time to do various propagation activities.

## Business Management

4. Computer applications in the nursery. Harrington, J. T. Tree Planters' Notes 48(1/2):1-2. 1997.

5. Computer program maximizes space, profits. Blakey, D.; Klingaman, G. Greenhouse Management and Production 18(11):57-60. 1998. Virtual Greenhouse is an Excel 97-based product which allows growers to visualize space use over time.

6. Computer propagation and production planning with the help of a database. Gilbert, J. International Plant Propagators' Society, combined proceedings 1997, 47:407-413. 1998.

7. Computers and propagation. Schotte, M. International Plant Propagators' Society, combined proceedings 1997, 47:96-101. 1998.

8. Ergonomic tips: put your tools to work for you. Appleton, B. L. Nursery Management and Production 14(9):47-50. 1998.

9. How to decide what equipment to buy. Brumfield, R. G. Greenhouse Management and Production 18(9):42-47. 1998.

10. How to determine payback on your new equipment. Bartok, J. W., Jr. Greenhouse Management and Production 18(11):73-74. 1998.

11. Improve your workplace to improve worker output. Bartok, J. W., Jr. Greenhouse Management and Production 18(7):85-86. 1998.

12. Nursery could deduct cost of bare-root trees requiring years of care before resale. Journal of Taxation 89(2):123-124. 1998.

13. Road rules. Eppard, W. C. American Nurseryman 188(3):53, 54, 56. 1998. Nursery professionals must adhere to US Department of Transportation regulations when shipping plants and other landscape material.

14. SPF? So what? Flanders, B. International Plant Propagators' Society, combined proceedings 1997, 47:106-109. 1998.

15. Tips for avoiding skin damage from sunlight. Appleton, B. Nursery Management and Production 14(6):56-58. 1998.

## Container Production

16. *Abies lasiocarpa* container culture. van Steenis, E. Forest Nursery Association of British Columbia meetings, proceedings, 1995, 1996, 1997, p.168-171. 1998.

17. Coming to a root system near you. Brothers, C. T.; Lapierre, R. M. American Nurseryman 188(9):89-93. 1998. A new chemical technology shows promise for controlling container plant root growth. "Root Right" pots have copper salt compound manufactured into the container wall.

18. **Containerizing: how field-grown trees fit into container production.** Morgan, D. *Nursery Management and Production* 14(7):51-53, 55. 1998. Trees grown in the field then potted and established in containers for sale.

19. **Determining the number of seeds to sow per cell: an application of the geometric distribution.** Harrington, J. T.; Glass, F. A. *Tree Planters' Notes* 48(1-2):28-34. 1997.

20. **DIF and height growth control of conifer seedlings. Humidity influences?** van Steenis, E. *Forest Nursery Association of British Columbia meetings, proceedings, 1995, 1996, 1997*, p.61-68. 1998.

21. **The effect of copper tray treatments on lodgepole pine (*Pinus contorta* Dougl.) seedlings, and their root growth potential after transplanting.** Watt, K.; Smith, I. *Forest Nursery Association of British Columbia meetings, proceedings, 1995, 1996, 1997*, p.80-92. 1998.

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24. **Improving conifer seedling quality with Conifer®.** Smith, B. *Forest Nursery Association of British Columbia meetings, proceedings, 1995, 1996, 1997*, p.38-42. 1998.

25. **Irrigation volume, application, and controlled-release fertilizers: I. Effect on plant growth and mineral nutrient content in containerized plant production.** Groves, K. M.; Warren, S. L.; Bilderback, T. E. *Journal of Environmental Horticulture* 16(3):176-181. 1998.

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establish to what degree various parameters influence the relationship between air and container media temperature.

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SO. **Greenhouses: advanced technology for protected horticulture.** Hanan, J. CRC Press, Inc. 684 p.1998. ORDER FROM: CRC Press, 2000 Corporate Blvd. NW, Boca Raton, FL 33431. Phone (407) 994-0555 or (800) 272-7737. Fax: (800) 374-3401. E-mail: [acoyne@crcpress.com](mailto:acoyne@crcpress.com). WWW: <http://www.crcpress.com>. Price: \$89.95 + \$9.95 S&H.

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58. **A rotary seed processor for removing pubescence from seed of prairie grasses.** Vogel, K. P; Masters, R. A.; Callahan, F J.; Grams, K. Journal of Range Management 51(5):536-539. 1998.

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67. **Transferability of native shrubs.** Bakker, J. D. Forest Nursery Association of British Columbia meetings, proceedings, 1995, 1996, 1997, p.176-179. 1998.
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## Fertilization and Nutrition

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### General and Miscellaneous

84. **Application of stock quality testing within an operational forest regeneration program.** Folk, R. S.; Grossnickle, S. C. *Forest Nursery Association of British Columbia meetings, proceedings, 1995, 1996, 1997*, p.193. 1998.

85. **Forest and conservation nursery trends in the northwestern United States.** Landis, T. D. *Forest Nursery Association of British Columbia meetings, proceedings, 1995, 1996, 1997*, p.144-146. 1998.

86. **What's happening in other jurisdictions—what's happening in Ontario.** Colombo, S. *Forest Nursery Association of British Columbia meetings, proceedings, 1995, 1996, 1997*, p.147-148. 1998. By 1998 nearly all of Ontario's Crown forest land will be managed privately. Only 3 government-operated nurseries remain, but apx. 25 private nurseries produce tree seedlings.

87. **Yellow-cedar: importance and potential.** Russell, J. H. *Forest Nursery Association of British Columbia meetings, proceedings, 1995, 1996, 1997*, p.172-175. 1998.

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### Genetics and Tree Improvement

88. ©Delineation of seed zones for European beech (*Fagus sylvatica* L.) in the Czech Republic based on isozyme gene markers. Gomory, D.; Hynek, V.; Paule, L. *Annales des Sciences Forestieres* 55(4):425-436. 1998.

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### Mycorrhizae and Beneficial Microorganisms

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95. ©influence of ectomycorrhizal fungal inoculation on growth and root IAA concentrations of transplanted conifers. Scagel, C. F.; Lidnerman, R. G. *Tree Physiology* 18(11):739-747. 1998.

96. ©Mycorrhiza formation and growth of *Eucalyptus globulus* seedlings inoculated with spores of various ectomycorrhizal fungi. Lu, X.; Malajczuk, N.; Dell, B. *Mycorrhiza* 8(2):81-86. 1998.

97. **Mycorrhizae of landscape trees produced in raised beds and containers.** Sylvia, D.; Alagely, A.; Kent, D.; Mecklenburg, R. *Journal of Arboriculture* 24(6):308-316. 1998.

98. **©Soil aggregation status and rhizobacteria in the mycorrhizosphere.** Andrade, G.; Mihara, K. L.; Linderman, R. G.; Bethlenfalvay, G. J. *Plant and Soil* 202(1):89-96. 1998.

SO. **Inoculation with mycorrhizal fungi (Hebeloma spp.) can increase drought stress resistance and improve field performance of jack pine, black spruce, and white spruce.** Smith, W.; Mohammed, G. H. **Ontario Ministry of Natural Resources, Forest Research Report 145. 10 p. 1997.** ORDER FROM: Ontario Ministry of Natural Resources, Ontario Forest Research Institute, 1235 Queen Street East, Sault Ste. Marie, Ontario, Canada P6A 2E5. Phone: (705) 946-2981. Fax: (705) 946-2030. E-mail: [ofriin@gov.on.ca](mailto:ofriin@gov.on.ca). Free.

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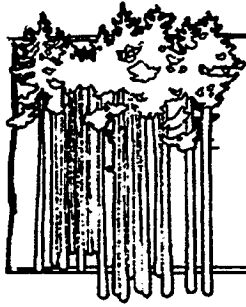
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