

# New Nursery Literature

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## Special Publications

- SO.** Dey, D.; Buchanan, M. 1995. Red oak (*Quercus rubra L.*) acorn collection, nursery culture and direct seeding: a literature review. Forest Res. Info. Paper No. 122. Saint Ste. Marie, ON: Ministry of Natural Resources, Ontario Forest Research Institute. 46 p.

This softbound publication does an excellent job of reviewing the literature about the seed propagation of red oak. It contains chapters on seed collection, seed stratification and storage, bareroot culture, container culture, and direct seeding. Best of all, it is well-illustrated with numerous black-and-white photographs, illustrations, and tables.

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- SO.** Rose, R.; Haase, D.L.; Boyer, D. 1995. **Organic matter management in forest nurseries: theory and practice.** Corvallis, OR: Oregon State University, Nursery Technology Cooperative. 65 p.

This is an update of an earlier Forest Service publication "Organic amendments in forest nursery management in the Pacific Northwest", and has been reorganized and expanded to reflect the latest published literature. The chapters cover physical, chemical and biological properties of organic matter in soil, decomposition, organic amendments, and green manure crops. It is an excellent overview of the subject.

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- SO.** Rose, R.; Chachulski, C.E.; Haase, D.L. 1996. **Propagation of Pacific Northwest Native plants: A manual, Volume One.** Corvallis, OR: Oregon State University, Nursery Technology Cooperative. 66 p.

The demand for native plants continues to increase and so more and more nurseries are being asked to propagate everything from grasses and forbs to rangeland shrubs and noncommercial tree species. This spiral-bound publication is a literature review on the seed and vegetative propagation of 50 different species from the Pacific Northwest of the US. The authors state that this is only a first effort and another more comprehensive will be published in the future.

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- SO. Moulton, R.J.; Lockhart, F.; Snellgrove, J.D. 1996. **Tree Planting in the United States 1995.** Washington, DC: USDA Forest Service. State and Private Forestry. 18 p.

This annual report summarizes tree planting and nursery production activities by forest land ownership category and state for 1995. In addition to the tabular statistics, an introductory section discusses trends and prospects for future demand and the output of the various federal cost-share programs. For example, the Southern states continue to lead the nation in tree planting with 1,689,981 acres planted which is almost 70 % of the US total (Figure 13).

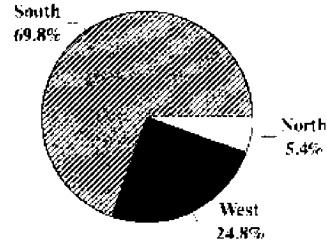


Figure 14. Tree planting statistics for the 3 major regions of the US (Moulton 1996).

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## Bareroot Production

1. **Irrigation for frost protection in forest nurseries: room for improvement.** Rose, R.; Haase, D. L. *Western Journal of Applied Forestry* 11(1):16-19. 1996.
- SO. **Top pruning bare-root hardwoods.** South, D.B. Auburn University, Southern Forest Nursery Management Cooperative, Technical Note 96-1. 12 p. 1996. ORDER FROM: Ken McNabb, School of Forestry, Auburn University, AL 36849-5418. Tel: 334/844-1044 Fax: 334/844-1084
2. **Smart toolbar: final report.** Karsky, R. USDA Forest Service, Technology and Development Program, Missoula. 9624-2809-MTDC. 10 p. 1996. ORDER FROM: USDA Forest Service -MTDC, Building 1, Fort Missoula, Missoula, MT 59801. Phone (406) 329-3900. Free.

## Business Management

3. **Common contract and business forms.** Dunleavy, P. G. *Greenhouse Management and Production* 14(2):50-51, 55. 1995. How to prepare forms that will meet your business needs.
4. **Contract rules and regulations.** Dunleavy, P.G. *Greenhouse Management and Production* 14(1):60-62. 1995. Information you need to know to protect your business.
5. **Does your nursery work leave you hurting?** Appleton, B. L. *The Digger* 40(3):14-17. 1996.
6. **Get it in writing.** Dunleavy, P. G. *Greenhouse Grower* 14(1):66-68. 1996.
7. **Getting a grip on catastrophic crop insurance.** Panczyk, T. D. *American Nurseryman* 183(9):48-51. 1996. The Federal Crop Insurance Reform Act of 1994 has received mixed reviews, but changes are underway to better protect nursery professionals hit by natural disasters.
8. **No laughing matter.** Perry, P. M. *American Nurseryman* 183(9):58, 60-63. 1996. Ethnic and cultural discrimination in your workplace can result in costly lawsuits and affect your bottom line.

9. ***The power of paper trails.*** Ibarbia, E. A. Greenhouse Grower 14(1):53-54. 1996. Federal pesticide safety rules went into effect about this time last year. How are you doing in keeping up with the paperwork?
10. ***Ride the technology wave.*** Buist, A. L. Greenhouse Grower 14(1):103-104, 106. 1996.
11. ***Stimulating success.*** Perry, P. M. American Nurseryman 183(10):55, 57-61. 1996. High employee morale can lead to increased productivity for your business. Here's how to measure it and increase it.
12. ***Tune into radios.*** Healey, D. Greenhouse Grower 14(3):36, 38. 1996. Walkie talkies can make communication during your busy season a whole lot easier.

## Container Production

13. ***Germinant sowing in South Africa.*** South, D. B.; Young, C. Tree Planters' Notes 46(1):7-10. 1995.
14. ***Growth of Coreopsis and Plumbago in plastic and Cu(OH)<sub>2</sub>-impregnated fiber containers.*** Ruter, J. M. HortTechnology 5(4):300-302. 1995.
15. ***Making DIF work for you.*** Martinez, H. Greenhouse Management and Production 16(2):36-39. 1996. Temperature control can lead to better plant growth, less chemical regulators.
16. ***Propagate and prosper: when propagating oaks, a methodical approach and a natural fungus can yield maximum fibrous roots.*** Krautmann, M. American Nurseryman 183(1):24-26, 28-29. 1996.
17. ***Root and shoot growth of Eucalyptus in response to container configuration and copper carbonate.*** Schuch, U. K.; Pittenger, D. R. HortScience 31(1):165. 1996.

18. ***Why you should consider automated controls.*** Neal, K. Greenhouse Management and Production 16(2):33-35. 1996.

## Diverse Species

19. ***Changing your propagation paradigms.*** Borland, J. American Nurseryman 183(5):2429. 1996.
20. ***Gibberellic acid during priming of Echinacea purpurea (L.) Moench seeds improves performance after seed storage.*** Pill, W. G.; Haynes, J. G. Journal of Horticultural Science 71(2):287-295. 1996.
21. ***Improved vegetative propagation of Scouler willow.*** Edson, J. L.; Leege-Brusven, A. D.; Wenny, D. L. Tree Planters' Notes 46(2):5863. 1995.
22. ***© In vitro propagation of Salix tarraconensis Pau ex Font Quer, an endemic and threatened plant.*** Amo-Marco, J. B.; Lledo, M. D. In Vitro Cellular and Developmental Biology -Plant 32(1):42-46. 1996.
50. ***Propagation of Pacific Northwest native plants: a manual volume 1.*** Rose, R.; Chachulski, C. E.; Haase, D. L. Oregon State University, Nursery Technology Cooperative. 66 p. 1st edition. 1996. ORDER FROM: Forestry Publications Office, Oregon State University, Forest Research Laboratory 227, Corvallis, OR 97331. Free.

## Fertilization and Nutrition

23. ***Availability and persistence of macronutrients from lime and preplant nutrient charge fertilizers in peat-based root media.*** Argo, W. R.; Biernbaum, J. A. Journal of the American Society for Horticultural Science 12(3):453-460. 1996.

24. © *Diagnosis of nitrogen deficiency and toxicity of Eucalyptus globulus seedlings by foliar analysis.* Shedley, E.; Dell, B.; Grove, T. *Plant and Soil* 177(2):183-189. 1995.
25. © *The effect of soil desiccation on the nutrient status of Eucalyptus regnans F. Muell seedlings.* Ashton, D. H.; Kelliher, K. J. *Plant and Soil* 179(1):45-56. 1996.
26. © *Effects of N addition rates on the productivity of Picea sitchensis, Thuja plicata, and Tsuga heterophylla seedlings. I. Growth rates, biomass allocation and macroelement nutrition.* Brown, K. R.; Thompson, W. A.; Weetman, G. F. *Trees: Structure and Function* 10(3):189-197. 1996.
27. *Feed crops without contaminating nature.* Cuny, H. *Nursery Management and Production* 12(3):47-49. 1996. Best management practices help you reduce the risk of fertilizer runoff.
28. © *Growth, potassium and polyamine concentrations of Scots pine seedlings in relation to potassium availability under controlled growth conditions.* Sarjala, T. *Journal of Plant Physiology* 147(5):593-598. 1996.
29. *Nitrogen fertilization requirements of Douglas-fir container seedlings vary by seed source.* Thompson, G. *Tree Planters' Notes* 46(1):15-18. 1995.
30. *Prime your pH.* Pawelek, M. A. *Greenhouse Grower* 14(5):72, 74. 1996. A Texas grower offers time tested techniques for maintaining pH at lower levels.
31. *Release rates of soluble and controlled-release potassium fertilizers.* Broschat, T. K. *HortTechnology* 6(2):128-131. 1996.
32. *Role of calcium in plant responses to stresses: linking basic research to the solution of practical problems.* Patta, J. P. *HortScience* 31(1):51-57. 1996.
33. *Store fertilizer stock solutions properly.* Albano, J. P.; Miller, W. B. *Greenhouse Management and Production* 16(3):47. 1996. Iron chelates in commercial soluble fertilizers are vulnerable to light degradation.
34. *Sulfur on tap.* Reddy, S. K. *Greenhouse Grower* 14(1):5\$, 60. 1996. Irrigation water sources across the U.S. rarely provide sufficient sulfur for greenhouse plants.
35. *CRP: a wake-up call for agriculture.* Dukes, D. *Journal of Soil and Water Conservation* 51(2):140-141. 1996.
36. *Environmental laws and forest nursery pest management in the United States.* Campbell, S. J. IN: *Diseases and insects in forest nurseries*, p. 283-292. R. Perrin and J.R. Sutherland, eds. Institut National de la Recherche Agronomique. 1994. Covers FIFRA, NEPA, Clean Water Act, Safe Drinking Water Act and Endangered Species Act.
- SO. *Red oak (Quercus rubra L.) acorn collection, nursery culture and direct seeding: a literature review.* Dey, D.; Buchanan, M. Ontario Ministry of Natural Resources, Forest Research Information Paper 122. 46 p. 1995. ORDER FROM: Ontario Ministry of Natural Resources, P.O. Box 969, Sault Ste. Marie, Ontario P6A SNS Canada. Free.
- SO. *Tree planting in the United States 1995.* Moulton, R. J.; Lockhart, F.; Snellgrove, J.D. USDA Forest Service, State and Private Forestry, Cooperative Forestry. 1996. ORDER FROM: Cooperative Forestry, USDA Forest Service, P.O. Box 96090, Washington, D.C. 20090-6090. Phone: (202) 205-1376. Free.

## General and Miscellaneous

## Genetics and Tree Improvement

## Mycorrhizae and Beneficial Microorganisms

38. © *The effect of soil pH on the ability of ectomycorrhizal fungi to increase the growth of Eucalyptus globulus Labill.* Thomson, B. D.; Grove, T. S.; Malajczuk, N.; Hardy, G. E. *SO Plant and Soil* 178(2):209-214. 1996.
39. © *The effect of two ectomycorrhizal fungi, Paxillus involutus and Suillus tomentosus, and of Bacillus subtilis on Fusarium damping-off in jack pine seedlings.* Hwang, S. F.; Chakravarty, P.; Chang, K. F. *Phytoprotection* 76(2):57-66. 1995.
40. *Effects of Boletus edulis, Laccaria laccata, Pisolithus tinctorius and Rhizopogon luteolus on the growth performance of Pinus kesiya Royle ex. Gordon in north-eastern India.* Tiwari, S. C.; Mishra, R. R. *Indian Journal of Forestry* 18(4):293-300. 1995.
41. © *Effects of the fungicide dithane M-45 on the growth and mycorrhizal formation of Pinus patina seedlings.* Reddy, M. S.; Natarajan, K. *Soil Biology and Biochemistry* 27(11):1503-1504. 1995.
42. © *Fungal biomass in roots and extramatrical mycelium in relation to macronutrients and plant biomass of ectomycorrhizal Pinus sylvestris and Alnus incana.* Ekblad, A.; Wallander, H.; Carlsson, R.; Huss-Danell, K. *New Phytologist* 131(4):443-451. 1995.
43. © *Growth and ectomycorrhizal formation of container-grown Douglas fir seedlings inoculated with Laccaria bicolor under four levels of nitrogen fertilization.* Gagnon, J.; Langlois, C. G.; Bouchard, D.; Le Tacon, F. *Canadian Journal of Forest Research* 25(12):1953-1961. 1995.
44. *Growth and iron sequestering of pin oak (Quercus palustris) seedlings inoculated with soil container ectomycorrhizal fungi.* Hauer, R. J.; Dawson, J. O. *Journal of Arboriculture* 22(3):122-130. 1996.
45. © *Hyphal contribution to water uptake in mycorrhizal plants as affected by the fungal species and water status.* Ruiz-Lozano, J. M.; Azcon, R. *Physiologia Plantarum* 95(3):472-478. 1995.
46. *Inclusion of arbuscular mycorrhizal fungi in alginate films for experimental studies and plant inoculation.* Calvet, C.; Camprubi, A.; Rodriguez-Kabana, R. *HortScience* 31(2):285. 1996.
47. © *Mycorrhizal relations in trees for agroforestry and land rehabilitation.* Haselwandter, K.; Bowen, G. D. *Forest Ecology and Management* 81(1-3):1-17. 1996.
48. © *Seasonal ectomycorrhizal fungal biomass development on loblolly pine (Pinus taeda L.) seedlings.* Sung, S. J. S.; White, L. M.; Marx, D. H.; Otrosina, W. J. *Mycorrhiza* 5(6):439-447. 1995.
49. © *The survival and development of inoculant ectomycorrhizal fungi on roots of outplanted Eucalyptus globulus Labill.* Thomson, B. D.; Hardy, G. E. StJ; Malajczuk, N.; Grove, T. S. *Plant and Soil* 178(2):247-253. 1996.

## Nursery Structures and Equipment

50. *Cooling requirements for screened greenhouses.* Cuny, H. *Greenhouse Management and Production* 16(4):30-32. 1996.
51. *Fertilizer injector check-up.* Kessler, J. R., Jr. *Greenhouse Grower* 14(3):40, 42, 44. 1996.
52. *For safety's sake, comply with today's electrical codes.* Bartok, J. W., Jr. *Greenhouse Management and Production* 14(1):90-91. 1995.
53. *A look at: cooling pads.* McLean, J. *Greenhouse Management and Production* 16(4):5960. 1996.
54. *A look at: exhaust fans.* McLean, J. *Greenhouse Management and Production* 16(3):7072. 1996.

55. **A look at: fogging nozzles.** Greenhouse Management and Production 16(2):57-58. 1996.
56. **A look at: horizontal airflow fans.** Roskens, L. Greenhouse Management and Production 14(2):46-49. 1995.
57. **A look at pH meters.** Roskens, L. Greenhouse Management and Production 14(1):92-94, 9698. 1995.
58. **A look at: structured sheets.** McLean, J. Greenhouse Management and Production 16(5):58-61. 1996. Polycarbonate and acrylic rigid plastic sheets.
59. **Make sure you use the right concrete for the job.** Bartok, J. W., Jr. Greenhouse Management and Production 16(2):55-56. 1996.
60. **Natural vs. mechanical.** Martinez, H. Greenhouse Management and Production 14(2):4142, 44-45. 1995. When it comes to ventilation, both systems work - under the right circumstances.
61. **New product express.** Greenhouse Grower 14(2):32, 34, 36-38, 40-41. 1996. Includes chemicals, fertilizers, containers, environmental controls, growing media, structures and covers.
62. **Overinflated tractor tires waste fuel, reduce productivity.** Lancas, K. P.; Upadhyaya, S. K.; Sime, M.; Shafii, S. California Agriculture 50(2):28-31. 1996.
63. **Read this before you glaze.** Cuny, H. Davis, J. T. Greenhouse Management and Production 16(5):30-33. 1996. Tips on 5 glazing options: glass, rigid plastic sheets, polycarbonate, acrylic and polyethylene.
64. **Reduce material-handling costs with carts.** Bartok, J. W., Jr. Greenhouse Management and Production 16(3):68-69. 1996.
65. **Relief from the heat.** Willits, D. H.; Peet, M. M. Greenhouse Grower 14(4):36-37. 1996. Misting external shade cloths does indeed help cool greenhouses.
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## Outplanting Performance

67. © **Drought resistance and water use efficiency of conifer seedlings treated with paclobutrazol.** van den Driessche, R. New Forests 11(2):65-83. 1996.
68. **The effect of deep planting black spruce: fifth-year field results.** Whaley, R. E.; Niznowski, G.; Buse, L. J. Ontario Ministry of Natural Resources, Northwest Science and Technology, NWST Technical Report TR-92. 6 p. 1995.
69. **Effect of planting methods on field performance of black spruce five years after planting.** Beyeler, J. Nova Scotia Department of Natural Resources, Forestry Division, Forest Research Report 62. 16 p. 1996.
70. **Eight year field performance of pine seedlings after mycorrhizae were triadimefon-inhibited in the nursery.** Carey, W. A.; Kelley, W. D. Southern Journal of Applied Forestry 20(1):42-44. 1996.
71. **An evaluation of treeshelter effects on plant survival and growth in a Mediterranean climate.** Costello, L. R.; Peters, A.; Guisti, G. A. Journal of Arboriculture 2(1):1-9. 1996.
72. **Fungicides improve field performance of stored loblolly and longleaf pine seedlings.** Brissette, J. C.; Barnett, J. P.; Jones, J. P. Southern Journal of Applied Forestry 20(1):59. 1996.
73. © **Growth response of *Rnus halepensis* to inoculation with *Pisolithus arhizus* in a terraced rangeland amended with urban refuse.** Roldan, A.; Querejeta, L.; Albaladejo, J.; Castillo, V. Plant and Soil 179(1):35-43. 1996.

74. **Mechanical correction and chemical avoidance of circling roots differentially affect post-transplant root regeneration and field establishment of container-grown Shumard oak.** Arnold, M. A. Journal of the American Society for Horticultural Science 121(2):258-263. 1996.
75. **Oak seedling root and shoot growth on restored topsoil.** Ashby, W. C. Tree Planters' Notes 46(2):54-57. 1995.
76. **Planting large seedlings: preliminary studies in Quebec.** St.-Amour, M. Forest Engineering Research Institute of Canada, Technical Note TN-228.6 p. 1995.
77. **Planting stock performance: site and RGP effects.** Simpson, D. G.; Vyse, A. Forestry Chronicle 71(6):739-742. 1995.
78. **Rehabilitating a young northern red oak planting with tree shelters.** Gillespie, A. R.; Rathfon, R.; Myers, R. K. Northern Journal of Applied Forestry 13(1):24-29. 1996.
79. **Seedling transportation: effect of mechanical shocks on seedling performance.** Stjernberg, E. I. Forest Engineering Research Institute of Canada, Technical Report TR-114. 16 p. 1996.
80. **Site preparation alters biomass, root and ectomycorrhizal development of outplanted western white pine and Douglas-fir.** Harvey, A. E.; Page-Dumroese, D. S.; Jurgensen, M. F.; Graham, R. T.; Tonn, J. R. New Forests 11(3):255-270. 1996.
81. **Survival and growth of Douglas-fir relating to weeding, fertilization, and seed source.** Roth, B. E.; Newton, M. Western Journal of Applied Forestry 11(2):62-69. 1996.
82. **Water relations, gas exchange and morphological development of fall- and spring planted yellow cypress stecklings.** Folk, R. S.; Grossnickle, S. C.; Arnott, J. T.; Mitchell, A. K.; Puttonen, P. Forest Ecology and Management 81(1-3):197-213. 1996.
83. **Acclimation of natural and planted amabilis fir to clearcut and stand edge microclimates on a coastal montane reforestation site.** Koppelaar, R. S.; Hawkins, B. J.; Mitchell, A. K. British Columbia Ministry of Forests, and Canadian Forest Service, FRDA Report 232. 21 p. 1995. ORDER FROM: Canadian Forest Service, Pacific Forestry Centre, 506 West Burnside Road, Victoria, B.C. V8Z 1M5 Canada. Phone (604) 363-0600. Free.
84. **Abiotic damage to fall sown acorns in forest nurseries in the Czech Republic.** Prochazkova, Z. IN: Diseases and insects in forest nurseries, p.113-115. R. Perrin and J.R. Sutherland, eds. Institut National de la Recherche Agronomique. 1994.
85. **Abiotic factors affecting Eucalyptus seedlings in nurseries in Argentina.** Salerno, M. L.; Gimenez, J. E. IN: Diseases and insects in forest nurseries, p. 299-305. R. Perrin and J.R. Sutherland, eds. Institut National de la Recherche Agronomique. 1994.
86. **Alternative technologies for management of soil-borne diseases in bareroot forest nurseries in the United States.** James, R. L.; Hildebrand, D. M.; Frankel, S. J.; Cram, M. M.; O'Brien, J. G. IN: Diseases and insects in forest nurseries, p.237-246. R. Perrin and J.R. Sutherland, eds. Institut National de la Recherche Agronomique. 1994.
87. **Aluminum amendment of potting mixes for control of Phytoivthora damping-off in bedding plants.** Benson, D. M. HortScience 30(7):1413-1416. 1995.
88. **Annual variation in white-tailed deer damage in commercial nurseries.** Conover, M. R.; Kania, G. S. Agriculture, Ecosystems and Environment 55(3):213-217. 1995.
89. **Ascospore production period of Phacidium in estans a snow blight fungus on Pinus sylvestris.** Kurkela, T. T. Scandinavian Journal of Forest Research 11(1):60-67. 1996.

## Pest Management

89. © *Ash yellows and lilac witches' broom: phytoplasmal diseases of concern in forestry and horticulture*. Sinclair, W. A.; Griffiths, H. M.; Davis, R. E. *Plant Disease* 80(5):468-475. 1996.
90. *Biological control of seedling diseases by ectomycorrhizae*. Unestam, T.; Damm, E. IN: *Diseases and insects in forest nurseries*, p.173-178. R. Perrin and J.R. Sutherland, eds. Institut National de la Recherche Agronomique. 1994.
91. *Biologicals effective on major greenhouse pests*. Harris, M. *Greenhouse Management and Production* 16(4):37-38. 1996.
92. *Biology and control of Snhaeropsis sapinea in nurseries and plantations of Wisconsin, USA*. Stanosz, G. R.; Prey, A. J.; Carlson, J. C. IN: *Diseases and insects in forest nurseries*, p.1326. R. Perrin and J.R. Sutherland, eds. Institut National de la Recherche Agronomique. 1994.
93. *Botrytis cinerea carried by adult fungus gnats (Diptera: Sciaridae) in container nurseries*. James, R. L.; Dumroese, R. K.; Wenny, D. L. *Tree Planters' Notes* 46(2):48-53. 1995.
94. *Control measures for the major forest nursery diseases in Portugal*. Fonseca, N. IN: *Diseases and insects in forest nurseries*, p.255-266. R. Perrin and J.R. Sutherland, eds. Institut National de la Recherche Agronomique. 1994.
95. *Cut costs on pest control*. Aylsworth, J. D. *Greenhouse Grower* 14(2):42, 44. 1996. Tips from various growers.
96. *Cylindrocarpon didymum (Hartig) Wollenw.: a new pathogen of stored acorns?* Werres, S.; Nirenberg, H.; Kehr, R. IN: *Diseases and insects in forest nurseries*, p.109-111. R. Perrin and J.R. Sutherland, eds. Institut National de la Recherche Agronomique. 1994.
97. *Damage and estimating populations of Phyllaphis fagi L. in forest nurseries*. Nef, L.; Duhoux, F. IN: *Diseases and insects in forest nurseries*, p.129-136. R. Perrin and J.R. Sutherland, eds. Institut National de la Recherche Agronomique. 1994.
98. © *Differential spore production by Botrytis cinerea on agar medium and plant tissue under near-ultraviolet light absorbing polyethylene film*. Nicot, P. C.; Mermier, M.; Vaissiere, B. E.; Lagier, J. *Plant Disease* 80(5):555-558. 1996.
99. © *Dimethomorph activity against oomycete fungal plant pathogens*. Cohen, Y.; Baider, A.; Cohen, B. H. *Phytopathology* 85(12):1500-1506. 1995.
100. *Diseases of Eucalyptus forest nursery seedlings and their management in forest nurseries in Yunnan Province, China*. Dequn, Z.; Sutherland, J. R. IN: *Diseases and insects in forest nurseries*, p.45-49. R. Perrin and J.R. Sutherland, eds. Institut National de la Recherche Agronomique. 1994.
101. © *Dogwood anthracnose: understanding a disease new to North America*. Daughtrey, M. L.; Hibben, C. R.; Britton, K. O.; Windham, M. T.; Redlin, S. C. *Plant Disease* 80(4):349-358. 1996.
102. *Effect of earthworm compost on soil borne pathogens of spruce*. Heiniger, U.; Bieri, M. IN: *Diseases and insects in forest nurseries*, p.227-233. R. Perrin and J.R. Sutherland, eds. Institut National de la Recherche Agronomique. 1994.
103. *Effect of fungicide and biological control treatments on germination, survival and growth of beech seedlings*. Foffova, E. IN: *Diseases and insects in forest nurseries*, p.213-220. R. Perrin and J.R. Sutherland, eds. Institut National de la Recherche Agronomique. 1994.
104. © *The effect of plastic mulch and forced heated air on Botrytis cinerea on geranium stock plants in a research greenhouse*. Hausbeck, M. K.; Pennypacker, S. P.; Stevenson, R. E. *Plant Disease* 80(2):170-173. 1996.
105. *Effectiveness of BGR-P and garlic in inhibiting browsing of western redcedar by black-tailed deer*. Nolte, D. L.; Farley, J. P.; Holbrook, S. *Tree Planters' Notes* 46(1):4-6. 1995.



106. © *Evaluation of fungicides for control of Sphaeropsis shoot blight of red pine nursery seedlings.* Stanosz, G. R.; Smith, D. R. Canadian Journal of Forest Research 26(3):492-497. 1996.
107. *Experiments using biological control agents and fungicides against damping-off in bareroot nurseries in the Czech Republic.* Prochazkova, Z.; Nesrsta, M. IN: Diseases and insects in forest nurseries, p.197-211. R. Perrin and J.R. Sutherland, eds. Institut National de la Recherché Agronomique. 1994.
108. *Forest nurseries and nursery pests in Switzerland.* Rigling, D.; Heiniger, U. IN: Diseases and insects in forest nurseries, p.153-156. R. Perrin and J.R. Sutherland, eds. Institut National de la Recherché Agronomique. 1994.
109. *Forest nursery cultural practices: impacts on pests affecting seedlings.* Ferreira, M. C. IN: Diseases and insects in forest nurseries, p.163-170. R. Perrin and J.R. Sutherland, eds. Institut National de la Recherché Agronomique. 1994.
110. *Fungi carried by adult fungus gnats (Diptera: Sciaridae) in Idaho greenhouses.* James, R. L.; Dumroese, R. K.; Wenny, D. L. USDA Forest Service, Northern Region, Report 94-5. 10 p. 1994.
111. *Fungicidal effects of a dehydroabietic acid derivative on nursery pathogenic fungi.* Feio, S.; Fonseca, N.; Gigante, B.; Marcelo-Curto, M. J. IN: Diseases and insects in forest nurseries, p. 307-313. R. Perrin and J.R. Sutherland, eds. Institut National de la Recherché Agronomique. 1994.
112. *How to apply methyl bromide: new regulations require extra care.* Greene, I. Greenhouse Management and Production 16(3):3640. 1996.
113. *In vitro evaluation of seed priming and Trichoderma treatment for the biological control of damping-off.* Mezui M'ella, J. G.; Cotes, A. M.; Lepoivre, P.; Semal, J. IN: Diseases and insects in forest nurseries, p.189-196. R. Perrin and J.R. Sutherland, eds. Institut National de la Recherché Agronomique. 1994.
114. © *Influence of cavity size, seedling growing density and fungicide applications on Keithia blight of western redcedar seedling growth and field performance.* Kope, H. H.; Sutherland, J.; Trotter, D. New Forests 11(2):137-147. 1996.
115. © *Inoculum concentration and time of application of Gliocladium roseum in relation to biocontrol of Botrytis cinerea in black spruce seedlings.* Zhang, P. G.; Sutton, J. C.; Hopkin, A. A. Canadian Journal of Forest Research 26(3):360-367. 1996.
116. *Insect pests and their management in Portuguese forest nurseries.* Ferreira, M. C. IN: Diseases and insects in forest nurseries, p.137-143. R. Perrin and J.R. Sutherland, eds. Institut National de la Recherché Agronomique. 1994.
117. *Integrated forest nursery stock production.* Dolmans, N. G. M. IN: Diseases and insects in forest nurseries, p.247-254. R. Perrin and J.R. Sutherland, eds. Institut National de la Recherché Agronomique. 1994.
118. *Interactions between copper-coated containers and Fusarium root disease: a preliminary report.* Dumroese, R. K.; James, R. L.; Wenny, D. L. USDA Forest Service, Northern Region, Report 95-9. 8 p. 1995.
119. *Keithia blight: review of the disease, and research on container-grown, western redcedar in British Columbia, Canada.* Kope, H. H.; Sutherland, J. R. IN: Diseases and insects in forest nurseries, p.27-44. R. Perrin and J.R. Sutherland, eds. Institut National de la Recherché Agronomique. 1994.
120. *Management of insect pests in Eucalyptus nurseries in Yunnan Province, China.* Yongzhi, P.; Kuiguang, C. IN: Diseases and insects in forest nurseries, p.157-162. R. Perrin and J.R. Sutherland, eds. Institut National de la Recherché Agronomique. 1994.
121. *Not only are they nuisances, fungus gnats and shore flies can spread costly plant disease pathogens.* Harris, M. Greenhouse Management and Production 14(1):29-30, 32, 37-38. 1995.

122. ***Nursery pests of selected indigenous tree species and their management in Kerala, India.*** Mathew, G. IN: Diseases and insects in forest nurseries, p.145-151. R. Perrin and J.R. Sutherland, eds. Institut National de la Recherche Agronomique. 1994.
123. ***Observations on the association of Cylindrocarpon spp. with diseases of container-grown conifer seedlings in the inland Pacific Northwest of the United States.*** James, R. L. IN: Diseases and insects in forest nurseries, p.65-78. R. Perrin and J.R. Sutherland, eds. Institut National de la Recherche Agronomique 1994.
124. ***Pest management on a shoestring.*** Lindquist, R. K. Greenhouse Grower 14(2):48, 50. 1996. How to get the most out of your pest control program.
125. ***Phoma herbarum and Phomopsis occulta, seed-borne pathogens causing damping-off of larch.*** Motta, E.; Perrin, R. IN: Diseases and insects in forest nurseries, p.93-101. R. Perrin and J.R. Sutherland, eds. Institut National de la Recherche Agronomique. 1994.
126. © ***Physical protection of conifer seedlings against pine weevil feeding.*** Eidmann, H. H.; Nordenhem, H.; Weslien, J. Scandinavian Journal of Forest Research 11(1):68-75. 1996. A sheath coated with polytetrafluoroethylene surrounding a seedling hinders insects from crawling up.
127. ***Phytophthora cactorum and a novel type Rhizoctonia sp. as forest nursery pathogens.*** Lilja, A.; Hietala, A. IN: Diseases and insects in forest nurseries, p.59-64. R. Perrin and J.R. Sutherland, eds. Institut National de la Recherche Agronomique. 1994.
128. ***Resistance to dogwood anthracnose among Cornus species.*** Brown, D. A.; Windham, M. T.; Trigiano, R. N. Journal of Arboriculture 22(2):83-86. 1996.
129. © ***Resource partitioning to growth, storage and defense in nitrogen fertilized Scots pine and susceptibility of the seedlings to the tarnished plant bug Lygus rugulipennis.*** Holopainen, J. K.; Rikala, R.; Kainulainen, P.; Oksanen, J. New Phytologist 131(4):521-532. 1995.
130. ***Root disease of 1-0 bareroot seedlings, USDA Forest Service Lucky Peak Nursery, Boise, Idaho.*** James, R. L. USDA Forest Service, Northern Region, Forest Health Protection, Report 96-4. 10 p. 1996.
131. ***Root diseases of western white pine transplants - USDA Forest Service Nursery, Coeur d'Alene, Idaho.*** James, R. L. USDA Forest Service, Northern Region, Report 95-8. 10 p. 1992.
132. ***Seed-borne Sirococcus conigenus and Fusarium spp. on Picea excelsa.*** Motta, E.; Znnesi, T.; Balmes, V.; Forti, E. IN: Diseases and insects in forest nurseries, p.103-107. R. Perrin and J.R. Sutherland, eds. Institut National de la Recherche Agronomique. 1994.
133. ***Soil fumigation can modify Douglas-fir seedling quality.*** Genere, B.; Verger, S. IN: Diseases and insects in forest nurseries, p. 321-328. R. Perrin and J.R. Sutherland, eds. Institut National de la Recherche Agronomique. 1994.
134. ***Soil fumigation in southern forest tree nurseries: current status and future needs for pest management.*** Fraedrich, S. W. IN: Diseases and insects in forest nurseries, p.267-282. R. Perrin and J.R. Sutherland, eds. Institut National de la Recherche Agronomique. 1994.
135. ***Survey for damping-off in forest nurseries in France.*** Preliminary results. Camporota, P.; Perrin, R. IN: Diseases and insects in forest nurseries, p.51-58. R. Perrin and J.R. Sutherland, eds. Institut National de la Recherche Agronomique. 1994.
136. ***Susceptibility of nursery-grown conifer seedlings to polyphagous Lygus bugs.*** Holopainen, J. K. IN: Diseases and insects in forest nurseries, p.119-127. R. Perrin and J.R. Sutherland, eds. Institut National de la Recherche Agronomique. 1994.
137. ***Technique for quantifying virulence of Fusarium and Cylindrocarpon spp. on conifer germinants.*** James, R. L. USDA Forest Service, Northern Region, Insect and Disease Management, Nursery Disease Notes No. 132. 8 p. 1996.

138. **A two-year study on solarization of forest nursery soil.** Annesi, T.; Motta, E.; Marchionni, M. IN: Diseases and insects in forest nurseries, p.221-225. R. Perrin and J.R. Sutherland, eds. Institut National de la Recherche Agronomique 1994.
139. © **Vegetation management for reducing mortality of ponderosa pine seedlings from *Thomomys* spp.** Engeman, R. M.; Barnes, V. G., Jr.; Anthony, R. M.; Krupa, H. W. Crop Protection 14(6):505-508. 1995.
- SO. **Diseases and insects in forest nurseries.** Perrin, R.; Sutherland, J. R. ., eds Institut National de la Recherche Agronomique. Held Oct. 3-10, 1993, Dijon, France. 1994. ORDER FROM: INRA Editions, Route de St. Cyr, 78026 Versailles Cedex, France. Price apx. \$50.00 U.S.
- SO. **Materials and supplies for management of wildlife damage to trees.** Nolte, D. L.; Otto, I. J. USDA Forest Service, Technology and Development Program, Missoula. 9624-2808-MTDC. 48 p. 1996. ORDER FROM: USDA Forest Service, MTDC, Building 1, Fort Missoula, Missoula, MT 59801. Phone (406) 329-3900. Free. Covers physical deterrents, traps, toxicants, repellents, frightening devices, and alternative forage.
- SO. **The northern pocket gopher - most of what you thought you might want to know, but hesitated to look up.** Bonar, R. E. USDA Forest Service, Technology and Development Program, Missoula. 9524-2806-MTDC. 62 p. 1995. ORDER FROM: USDA Forest Service, MTDC, Building 1, Fort Missoula, Missoula, MT 59801. Phone (406) 329-3900. Free.
141. **Complying with WPS.** Aylsworth, J. D. Greenhouse Grower 14(1):56-57. 1996. Worker Protection Standards.
142. **Guidelines for safe pesticide storage.** Bartok, J. W., Jr. Greenhouse Management and Production 16(5):56-57. 1996.
143. **Methyl bromide diffusion and emission through soil columns under various management techniques.** Jin, Y.; Jury, W. A. Journal of Environmental Quality 24:102-1009. 1995.
144. **Methyl bromide emissions from a covered field: Z Experimental conditions and degradation in soil.** Yates, S. R.; Gan, J.; Ernst, F. F.; Mutziger, A.; Yates, M. V. Journal of Environmental Quality 25(1):184-192. 1996.
145. **Methyl bromide emissions from a covered field: IL Volatilization.** Yates, S. R.; Ernst, F. F.; Gan, J.; Gao, F.; Yates, M. V. Journal of Environmental Quality 25(1):192-202. 1996.
146. **Potential loss of methyl bromide to prompt changes in Clean Air Act.** Shaheen, L. Pest Control 64(5):68, 74. 1996.
147. **Reducing the pollution potential of pesticides and fertilizers in the environmental horticulture industry: I.** Greenhouse, nursery, and sod production. Latimer, J. G.; Getting, R. D.; Thomas, P. A.; Olson, D. L.; Allison, J. R.; Braman, S. K.; Ruter, J. M.; Beverly, R. B.; Florkowski, W.; Robacker, C. D.; Walker, J. T.; Garber, M. P.; Lindstrom, O. M.; Hudson, W. G. HortTechnology 6(2):115-124. 1996.
148. **Strategic spraying.** Olson, D. L.; Getting, R. D.; Braman, S. K. American Nurseryman 183(5):73-75. 1996. Strategically scheduling pesticide applications can help a nursery comply with re-entry interval regulations while minimizing interruption of operations.

## Pesticides

140. **Can high energy pulses replace methyl bromide?** California Agriculture 50(1):5. 1996.

## Seedling Physiology and Morphology

149. **Acorn mass and seedling growth in *uercus rubra* in response to elevated CO.** Miao, S. Journal of Vegetation Science 6(5):697-700. 1995.

150. © *Chlorophyll fluorescence as an indicator of frost hardiness in white spruce seedlings from different latitudes.* Binder, W. D.; Fielder, P. *New Forests* 11(3):233-253. 1996.
151. © *Comparative responses of cuttings and seedlings of Eucalyptus globulus to water stress.* Sasse, J.; Sands, R. *Tree Physiology* 16(1-2):287-294. 1996.
152. © *A critical re-examination of pressure-volume analysis of conifer shoots: comparison of three procedures for generating PV curves on shoots of Pinus resinosa Ait. seedlings.* Parker, W. C.; Colombo, S. J. *Journal of Experimental Botany* 46(292):1701-1709. 1995.
153. © *Effects of emissions from copper-nickel smelters on the frost hardiness of Pinus sylvestris needles in the subarctic region.* Sutinen, M. L.; Raitio, H.; Nivala, V.; Ollikainen, R.; Ritari, A. *New Phytologist* 132(3):503-512. 1996.
154. © *Growth, shoot phenology and physiology of diverse seed sources of black spruce: I Seedling responses to varied atmospheric CO<sub>2</sub> concentrations and photoperiods.* Johnsen, K. H.; Seder, J. R. *Tree Physiology* 16(3):367-373. 1996.
155. © *The influence of light quality and carbon dioxide enrichment on the growth and physiology of seedlings of three conifer species. I Growth responses.* Hoddinott, J.; Scott, R. *Canadian Journal of Botany* 74(3):383-390. 1996.
156. © *The influence of light quality and carbon dioxide enrichment on the growth and physiology of seedlings of three conifer species. II. Physiological responses.* Hoddinott, J.; Scott, R. *Canadian Journal of Botany* 74(3):391-402. 1996.
157. © *Isoprene emission, photosynthesis, and growth in sweetgum (Liquidambar styraciflua) seedlings exposed to short- and long-term drying cycles.* Fang, C.; Monson, R. K.; Cowling, E. B. *Tree Physiology* 16(4):441-446. 1996.
158. *A new greenhouse photoperiod lighting system for prevention of seedling dormancy.* Tinus, R. W. *Tree Planters' Notes* 46(1):11-14. 1995.
159. *ROSESIM: an interactive tool for plant growth modeling.* Hopper, D. A. *HortTechnology* 6(1):76-79. 1996. A user-friendly Windows version predicts plant growth response to known or anticipated environments.
160. © *Seasonal changes in chlorophyll fluorescence of white spruce seedlings from different latitudes in relation to gas exchange and winter storability.* Binder, W. D.; Fielder, P. *New Forests* 11(3):207-232. 1996.
161. © *Use of clones increases the power of physiological experiments on coastal Douglas-fir.* Burr, K. E.; Tinus, R. W. *Physiologic Plantarum* 96(3):458-466. 1996.

## Seeds

162. *Anatomical and physiological effects of osmotic priming on Pinus sylvestris seeds of different maturity.* Sahlen, K.; Wiklund, K. *Seed Science and Technology* 23(3):725-737. 1995.
163. © *Antagonistic effects of abscisic acid and gibberellic acid on the breaking of dormancy of Fagus sylvatica seeds.* Nicolas, C.; Nicolas, G.; Rodriguez, D. *Physiologic Plantarum* 96(2):244-250. 1996.
164. *Douglas-fir genotypic response to seed stratification.* Edwards, D. G. W.; El-Kassaby, Y. A. *Seed Science and Technology* 23(3):771-778. 1995.
165. *Estimating the number of filled seeds per cone of western hemlock from coastal British Columbia.* Meagher, M. D. *Western Journal of Applied Forestry* 11(2):44-49. 1996.
166. *Germination responses of northern red maple (Acer rubrum) populations.* Tremblay, M. F.; Mauffette, Y.; Bergeron, Y. *Forest Science* 42(2):154-159. 1996.

167. **Methods of analysing and improving seed.** Hannerz, M.; Rosvall, O. SkogForsk, Results, 1995, no. 2. 4 p. 1995.
168. **Nucleic acid techniques in testing for seedborne diseases.** Reeves, J. C. IN: New diagnostics in crop sciences 13:127-149. 1995.
169. **Shortleaf pine seed production in natural stands in the Ouachita and Ozark Mountains.** Shelton, M. G.; Wittwer, R. F. Southern Journal of Applied Forestry 20(2):74-80. 1996.
170. **Storage of neem seeds: potential and limitations for germplasm conservation.** Bhardwaj, S. D.; Chand, G. Indian Forester 121(11):1009-1011. 1995.

## Soil Management and Growing Media

171. **A compost cornucopia.** Gouin, F. R. American Nurseryman 183(9):52, 54-57. 1996. Whether it is 'homegrown' or commercially purchased, compost in its various forms provides benefits that go beyond simple recycling.
172. **Compost standards: are you getting a reliable product?** Bettineski, L. The Digger 40(5):23, 25-29. 1996. Avoid costly mistakes; Evaluate and test compost maturity; Ensure consistent and high quality compost; How to mix in compost use into your operation.
173. **How nurseries can benefit from composting.** Bettineski, L. The Digger 40(4):19-23. 1996. What's being composted and how it's being utilized; The effectiveness of alternate growing media; How plants and growers can benefit from compost; Why the need for compost is growing.
174. **A look at: sphagnum peat moss.** McLean, J. Greenhouse Management and Production 14(12):84, 86-88. 1996.
175. **Paper sludge utilization in agriculture and container nursery culture.** Bellamy, K. L.; Chong, C.; Cline, R. A. Journal of Environmental Quality 24(6):1074-1082. 1995.

176. **Try coir in your growing mix.** Evans, M. R. Greenhouse Management and Production 14(12):49-50. 1996.
- SO. **Organic matter management in forest nurseries: theory and practice.** Rose, R.; Haase, D. L.; Boyer, D. Oregon State University, Nursery Technology Cooperative. 65 p. 1995. ORDER FROM: Forestry Publications Office, Oregon State University, Forest Research Laboratory 227, Corvallis, OR 97331. Free.

## Tropical Forestry and Agroforestry

177. © **Acclimation abilities of three tropical rainforest seedlings to an increase in light intensity.** Claussen, J. W. Forest Ecology and Management 80(1-3):245-255. 1996.
178. **Certain experiments on nursery techniques for propagation of poplar plants from shoot cuttings.** Rana, B. S.; Lodhiyal, L. S.; Singly R. P. Indian Forester 121(7):634-642. 1995.
179. **Control of *Eucalyptus* nursery disease in Brazil: 1990-1993.** Ferreira, F. A. IN: Diseases and insects in forest nurseries, p. 315-320. R. Perrin and J.R. Sutherland, eds. Institut National de la Recherche Agronomique. 1994.
180. © **Early species selection for tropical reforestation: a consideration of stability.** Butterfield, R. P. Forest Ecology and Management 81(1-3):161-168. 1996.
181. © **The effect of different pre-sowing seed treatments, temperature and light on the germination of five *Senna* species from Ethiopia.** Teketay, D. New Forests 11(2):155-171. 1996.
182. **Effect of nursery fertilization on *Cassia siamea* seedling growth and its impact on early field performance.** Kannan, D.; Paliwal, K. Journal of Tropical Forest Science 8(2):203-212. 1995.

183. *Effect of vesicular arbuscular mycorrhizae on the growth and mineral nutrition of teak (Tectona grandis Linn. F.)*. Durga, V. V. K.; Gupta, S. Indian Forester 121(6):518-527. 1995.
184. *Effects of culling on planting stock production in teak nursery*. Subramanian, K.; Gadball, v. M.; Rambabu, N.; Jha, M. Indian Forester 121(6):465-468. 1995.
185. *Effects of fruit maturity, depulping techniques, and drying conditions on germination of Azadirachta indica var. siamensis seed*. Pukittayacamee, P.; Boontawee, B.; Wasuwanich, P.; Boonarutee, P. ASEAN Forest Tree Seed Centre Project, Technical Publication No. 32. 15 p. 1995.
186. *Efficacy of different Rhizobium strains of forest tree species on Albizia lebbek*. Jamaluddin, V. S. D.; Chouhan, J. S. Indian Forester 121(7):647-650. 1995.
187. *An overview of forest nursery diseases and insects in Zimbabwe*. Mazodze, R. IN: Diseases and insects in forest nurseries, p. 293-297. R. Perrin and J.R. Sutherland, eds. Institut National de la Recherche Agronomique. 1994.
188. *A practical approach to mycorrhizae containerized seedlings in forest nurseries*. Mehrotra, M. D. Indian Forester 121(7):670-672. 1995.
189. *Responses of seeds of Azadirachta indica (neem) to short-term storage under ambient or chilled conditions*. Berjak, P.; Campbell, G. K.; Farrant, J. M.; Omondi-Oloo, W.; Pammenter, N. W. Seed Science and Technology 23(3):779-792. 1995.
190. *Seed storage of Swietenia macrophylla*. Pukittayacamee, P.; Saelim, S.; Bhodthipuks, J. ASEAN Forest Tree Seed Centre Project, Technical Publication No. 25. 11 p. 1995.
191. *Teak fruit treatment machine—a prototype—11*. Bapat, A. R.; Phulari, M. M. Indian Forester 121(6):545-549. 1995.
192. *Use of coppice shoots in seed production areas of teak: a new concept*. Rawat, M. S.; Uniyal, D. P.; Emmanuel, C. J. S. K. Indian Forester 121(6):469-471. 1995.
- SO. *Rapid viability testing of tropical tree seed*. Bhodthipuks, J.; Pukittayacamee, P.; Saelim, S.; Wang, B. S. P.; Yu, S. L. ASEAN Forest Tree Seed Centre Project, Training Course Proceedings No. 4. 98 p. Proceedings of a ASEAN training course held Muak-Lek, Thailand, February 7-15, 1994. 1996. ORDER FROM: ASEAN Forest Tree Seed Centre Project, Muak-Lek, Sarabauri 18180, Thailand. Free.

## Vegetative Propagation and Tissue Culture

193. © *Controlled mycorrhizal initiation as a means to improve root development in somatic embryo plantlets of hybrid larch*. Piola, F.; Rohr, R.; von Aderkas, P. Physiologia Plantarum 95(4):575-580. 1995. z
194. *Environmental control and photoautotrophic micropropagation*. Jeong, B. R.; Fujiwara, K.; Kozai, T. Horticultural Reviews 17:125-172. 1995.
195. © *In vitro propagation of Nothofagus obliqua (Fagaceae)*. Martinez Pastur, G. J.; Arena, M. E. Australian Journal of Botany 43:601-607. 1995.
196. © *Microculture of western white pine (Pinus monticola) by induction of shoots on bud explants from 1- to 7 year-old trees*. Lapp, M.S.; Malinek, J.; Coffey, M. Tree Physiology 16(4):447-451. 1996.
197. © *Micropropagation of adult birch trees: production and field performance*. Jones, O. P.; Welander, M.; Waller, B. J.; Ridout, M. S. Tree Physiology 16(5):521-525. 1996.
198. *Slashed and bound—the gentle art of grafting*. Meacham, G. E. American Nurseryman 183(1):30-33. 1996.

## Water Management and Irrigation

199. **Applying preferential flow concepts to horticultural water management.** Selker, J. S. HortTechnology 6(2):107-110. 1996.
200. **Are you collecting and holding irrigation water yet?** Davis, T. Greenhouse Management and Production 16(2):30-32. 1996.
201. **Cyclic irrigation and media affect container leachate and ageratum growth.** Fare, D. C.; Gilliam, C. H.; Keever, G. J.; Reed, R. B. Journal of Environmental Horticulture 14(1):17-21. 1996.
202. **Determining environmentally sound soil phosphorus levels.** Sharpley, A.; Daniel, T. C.; Sims, J. T.; Pote, D. H. Journal of Soil and Water Conservation 51(2):160-166. 1996.
203. **Estimation of potential evapotranspiration with shallow lysimeters in a forest tree nursery.** Stein, J.; Caissy, R.; Plamondon, A. P.; Bernier, P. Y. Forestry Chronicle 71(6):755758. 1995.
204. **Got a problem? Bring in the expert.** Carlson, W. Greenhouse Grower 14(1):16. 1996. Summarizes approaches used in the Netherlands to disinfect recirculated water, including heat, flame, ozone, UV radiation, membrane filtration, sand, iodination, and hydrogen peroxide.
205. **Growth and water use of *Eucalyptus grandis* and *Pinus radiata* plantations irrigated with effluent.** Myers, B. J.; Theiveyanathan, S.; O'Brien, N. D.; Bond, W. J. Tree Physiology 16(1-2):211-219. 1996.
206. **Irrigation management strategies.** Yeager, T.; Knox, G.; Beeson, R. Nursery Management and Production 12(5):31-32. 1996. Look at plant spacing to determine if you can save water and money.
207. **Nitrogen isotope ratios identify nitrate contamination sources.** Rolston, D. E.; Fogg, G. E.; Decker, D. L.; Louie, D. T.; Grismer, M. E. California Agriculture 50(2):32-36. 1996.

208. **Taking ebb and flood outdoors.** Onofrey, D. Greenhouse Grower 14(1):82-83. 1996.

209. **Trees grow better with water.** Nelson, W. R. Tree Planters' Notes 46(2):46-47. 1995.

## Weed Control

210. **Bioavailable herbicide residues in turfgrass clippings used for mulch adversely affect plant growth.** Bahe, A. R.; Peacock, C. H. HortScience 30(7):1393-1395. 1995.

211. **Diurnally alternating temperatures stimulate sprouting of purple nutsedge (*Cyperus rotundus*) tubers.** Miles, J. E.; Nishimoto, R. K.; Kawabata, O. Weed Science 44(1):122-125. 1996.

SO. **Fomesafen: a herbicide for pine seedbeds.** South, D. B. Auburn University, Southern Forest Nursery Management Cooperative, Research Note 96-3. 4 p. 1996. ORDER FROM: Ken McNabb, School of Forestry, Auburn University, AL 36849-5418. Tel: 334/844-1044 Fax: 334/844-1084

212. **A new soil sampler and elutriator for collecting and extracting weed seeds from soil.** Wiles, L. J.; Barlin, D. H.; Schweizer, E. E.; Duke, H. R.; Whitt, D. E. Weed Technology 10(1):35-41. 1996.

213. **Secrets of successful weed control.** Appleby, A. American Nurseryman 183(3):62-69. 1996. With soil applied herbicides and foliage applied herbicides.

214. **Yesterday's news, today's mulch.** Pellett, N. E.; Heleba, D. A. American Nurseryman 183(1):42-45. 1996. Chopped newspaper can be effectively used as weed control mulch for nursery crops.