References

Container Seedlings

Barnett, James P.; Brissette, John C. 1986. Producing southern pine seedlings in containers. Gen. Tech. Rep. SO-59. New Orleans, LA: U.S. Department of Agriculture, Forest Service, Southern Forest Experiment Station. 71 pp.

Tinus, Richard W.; McDonald, Stephen E. 1979. How to grow tree seedlings in containers in greenhouses. Gen. Tech. Rep. RM-60. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station. 256 pp.

Nursery Culture

- Brissette, John C.; Vande Linde, Frank; Barnett, James P. 1983. Producing, storing and handling quality slash pine seedlings. In: Stone, E.L., ed. The managed slash pine ecosystem: Proceedings of a symposium; 1981 June 9-11; Gainesville, FL. University of Florida: 150-164. Gainesville: School of Forest Resources and Conservation, University of Florida: 150-164.
- Brissette, John C.; Carlson, William C. 1987. Effects of nursery bed density and fertilization on the morphology, nutrient status, and root growth potential of shortleaf pine seedlings. In: Phillips, Douglas R., comp.
 Proceedings of the 4th biennial southern silvicultural research conference; 1986 November 4-6; Atlanta, GA. Gen. Tech. Rep. SE-42. Asheville, NC: U.S.
 Department of Agriculture, Forest Service, Southeastern Forest Experiment Station: 198-205.
- Lantz, Clark W., ed. and comp. 1985. Southern pine nursery handbook. Atlanta, GA: U.S. Department of Agriculture, Forest Service, Southern Region. [var. pagination]
- Mexal, John G. 1980. Seedling bed density influences yield and performance, pp. 89-95. In: Lantz, Clark, comp. Proceedings, 1980 southern nursery conference; Lake Barkley, KY. USDA Tech. Publ. SATP17. USDA Forest Service, Atlanta, GA.

- South, D.B.; Mexal, J.G. 1984. Growing the 'best' seedling for reforestation success. Auburn, AL: Alabama Agricultural Experiment Station, Auburn University, Forestry Department, Ser. 12. 11 pp.
- Wakeley, Philip C. 1954. Planting the southern pines. Agric. Monogr. 18. Washington, DC: U.S. Department of Agriculture. 233 pp.

Planting Guides

- Balmer, William E.; Williston, Hamlin L. 1974. Guide for planting southern pines. Atlanta, GA: U.S. Department of Agriculture, Forest Service, Southeastern Area State and Private Forestry. 17 pp.
- Dierauf, Thomas A. 1982. Planting loblolly pine. In: Symposium on the loblolly pine ecosystem (East Region). Raleigh, NC: School of Forest Resources, N.C. State University: 124-135.
- Ezell, Andrew W. 1987. Hand vs. machine planting. Forest Farmer 47(1):8-10.
- Fancher, Gregory A.; Mexal, John G., and Widmoyer, Fred B. 1986. Planting and handling conifer seedlings in New Mexico. Circular 526. Cooperative Extension Service, New Mexico State University, Las Cruces. 10 pp.
- France, Raymond C; Hollis, Charles A. 1988. Southern pine seedling storage, handling and planting guidelines. International Paper Company, Bainbridge, GA: Forest management guidelines no. 19. 11 pp.
- Lantz, Clark W.; Brissette, John C.; Baldwin, Bruce L.; Barnett, James P. 1988. Plant them deep and keep those roots straight! Technology Update R8-MB27. Atlanta, GA: U.S. Department of Agriculture, Forest Service, Southern Region.
- Wakeley, Philip C. 1954. Planting the southern pines. Agric. Monogr. 18. Washington, DC: U.S. Department of Agriculture. 233 pp.

Planting Survival

- Dierauf, Thomas A. 1984. Depth of planting study. Occasional Rep. 63. Virginia Division of Forestry, Charlottesville, VA. 3 pp.
- Marler, R.L. 1963. A three-year tree planting survival study in Virginia. Occas. Rep. 19. Charlottesville, VA: Virginia Division of Forestry. 5 pp.
- Marx, Donald H. and Hatchell, G.E. 1986. Root stripping of ectomycorrhizae decreases field performance of loblolly and longleaf pine seedlings. Southern Journal Applied Forestry 10:173-179.
- Marx, Donald H.; Cordell, Charles E.; Clark, Alexander, III. 1988. Eight-year performance of loblolly pine with Pisolithus ectomycorrhizae on a goodquality forest site. Southern Journal Applied Forestry 12:275-280.
- Muller, Carl A. 1983. Loblolly pine seedling survival study, 1979-80 and 1980-81 planting seasons. In: Lantz, Clark W. and Brissette, John, comps.
 Proceedings: 1982 southern nursery conferences; 1982 July 12-15 (Eastern session); Savannah, GA. Tech.
 Publ. R-8-TP-4. Atlanta, GA: U.S. Department of Agriculture, Forest Service, Southern Region: 27-39.
- Weaver, G.H.; Izlar, Bob; Broerman, F.S.; Xydias, Ken. 1980.
 Preliminary report on the 1979 A.P.A. pine plantation survival and nursery practices survey. In: Lantz, Clark W., comp. Proceedings, 1980
 southern nursery conference; Tech. Publ. SA-TP
 17.1980 September 2-4; Lake Barkley, KY. Atlanta, GA: U.S. Department of Agriculture, Forest Service, State and Private Forestry, Southeastern Area: 24-30.
- Xydias, G.K.; Sage, R.D.; Hodges, J.D.; Moehring, D.M. 1983. Establishment, survival, and tending of slash pine. In: Stone, E.L., ed. The managed slash pine ecosystem. Proceedings of a symposium; 1981 June 9-11; Gainesville, FL. Gainesville: School of Forest Resources and Conservation, University of Florida: 165-182.

Seedling Handling

- Brissette, John C.; Vande Linde, Frank; Barnett, James P. 1983. Producing, storing and handling quality slash pine seedlings. In: Stone, E.L., ed. The Managed slash pine ecosystem: Proceedings of a symposium; 1981 June 9-11; Gainesville, FL. Gainesville: School of Forest Resources and Conservation, University of Florida: 150-164.
- Dierauf, Thomas A. 1982. Planting loblolly pine. In: Symposium on the loblolly pine ecosystem (East Region). Raleigh, NC: School of Forest Resources, N.C. State University: 124-135.

- Jeffries, Kenneth F. 1983. Operational guidelines for handling seedlings. In: Brissette, John; Lantz, Clark, comps.
 Proceedings: 1982 southern nursery conferences; 1982 July 12-15 (Eastern session); Savannah, GA. Tech. Publ. R8-TP-4. Atlanta, GA: U.S. Department of Agriculture, Forest Service, Southern Region: 212-223.
- Lantz, Clark W. 1987. Insignificant events may cause plantation failures. Technology Update R8-MBII. Atlanta, GA: U.S. Department of Agriculture, Forest Service, Southern Region.
- Moorhead, David J. 1988. Selecting and planting pine seedlings- Bull. 983. Athens, GA: Cooperative Extension Service, University of Georgia. 22 pp.
- U.S. Department of Agriculture, Forest Service. 1984. Guidelines for seedling care. Jackson, MS: National Forests in Mississippi. 24 pp.

Seedling Storage

- Barnett, James P.; Kais, Albert G. 1987. Longleaf pine seedling storeability and resistance to brown-spot disease improved by adding benomyl to the packing medium. In: Phillips, Douglas, R., comp. Proceedings of the fourth biennial southern silvicultural research conference. 1986 November 4-6; Atlanta, GA. Gen. Tech. Rep. SE-42. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station: 222-224.
- Barnett, James P.; Brissette, John C.; Kais, Albert G.; Jones, John P. 1988. Improving field performance of southern pine seedlings by treating with fungicides before storage. Southern journal of Applied Forestry 12:281-285.
- Boyer, James N.; South, David B. 1987. Excessive seedling height, high shoot-to-root ratio, and benomyl root dip reduce survival of stored loblolly pine seedlings. Tree Planters' Notes 38(4):19-22.
- Brenneman, D.L. 1965. Automatic mudding of seedling roots. Tree Planters' Notes 71:1-4.
- De Yoe, D.; Holbo, H.R.; Waddell, K. 1986. Seedling protection from heat stress between lifting and planting. Western Journal of Applied Forestry 1(4):124-126.

Dierauf, T.A. 1974. Effect of time in cold storage on loblolly pine seedling survival. Occas. Rep. 43. Charlottesville, VA: Virginia Division of Forestry: 4

- 4 pp.
- Garber, Melvin P.; Mexal, John G. 1980. Lift and storage practices: their impact on successful establishment of southern pine plantations. New Zealand journal of Forestry Science 10(1):72-82.

- Lantz, Clark W. 1979. Progress report: improved seedling production in the South. In: Proceedings of the 15th southern forest tree improvement conference; 1979 June 19-21; Starkville, MS. Starkville, MS: Mississippi State University: 115-120.
- Williston, Hamlin L. 1974. Storage of southern pine seedlings: a review. Tree Planters' Notes 25(4):1-4.

Seedling Quality

- Carlson, W.C. 1986. Root system considerations in the quality of loblolly pine seedlings. Southern Journal of Applied Forestry 10:87-92.
- May, Jack T. 1985. Seedling quality, grading, culling and counting. In: Lantz, C.W., ed. and comp. Southern pine nursery handbook. U.S. Department of Agriculture, Forest Service, Southern Region: 9-1 to 9-10. Chapter 9.
- South, David B.; Mexal, John G. 1984. Growing the 'best' seedling for reforestation success. Ser. 12. Auburn, AL: Alabama Agricultural Experiment Station, Auburn University, Forestry Department. 11 pp.

Site - Soils

- Fisher, R.F. 1981. Soils interpretations for silviculture in the southeastern coastal plain. In: Barnett, James P., ed. Proceedings of the 1st biennial southern silvicultural research conference; 1980 November 6-7; Atlanta, GA. Gen. Tech. Rep. SO-34. New Orleans, LA: U.S. Department of Agriculture, Forest Service: 323-330.
- Mitchell, M.L.; Hassan, A.E.; Davey, C.B.; Gregory, J.D. 1982. Loblolly pine growth in compacted greenhouse soil. Ankeny, IA: American Society of Agriculture Engineers. Trans. Amer. Soc. Agr. Eng. 25:304-307, 312.

Species and Seed Source Selection

- Dorman, Keith W. 1976. The genetics and breeding of southern pines. Agric. Handb. 471. Washington, DC: U.S. Department of Agriculture. 407 pp.
- Lambeth, C.C.; Dougherty, P.M.; Gladstone, W.T. [and others]. 1984. Large-scale planting of North Carolina loblolly pine in Arkansas and Oklahoma: a case of gain versus risk. Journal of Forestry 82:736-741.
- Lantz, Clark W. 1987. Which southern pine species is best for your site? Forest Farmer 47(1): 11-12.
- Lantz, Clark W.; Kraus, John F. 1987. A guide to southern pine seed sources. Asheville, NC: U.S. Department of Agriculture, Southeastern Forest Experiment Station. Gen. Tech. Rep. SE-43. 34 pp.
- Moorhead, David J. 1988. Selecting and planting pine seedlings. Bull. 983. Athens, GA: Cooperative Extension Service, University of Georgia, April 1988. 22 pp.
- Wells, 0.0. 1985. Use of Livingston Parish, Louisiana loblolly pine by forest products industries in the Southeast. Southern Journal of Applied Forestry 9(3):180-185.
- Wells, Osborn O.; Wakeley, Philip C. 1966. Geographic variation in survival, growth, and fusiform-rust infection of planted loblolly pine. Forest Science Monograph 11. 40 pp.