

Vita
Michael R. Kuhns

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EDUCATION

Ph.D. March 1986, Auburn University. Major: Tree Physiology. Dissertation: Photosynthate allocation in loblolly pine (*Pinus taeda* L.) as related to water deficit and time of year.

M.S. August 1980, University of Missouri-Columbia. Major: Forest Ecology/Physiology. Thesis: Black walnut root growth.

B.S. December 1977, University of Missouri-Columbia. Major: Forest Management.

PROFESSIONAL EXPERIENCE

Interim Department Head, Wildland Resources, Utah State University. July 2012 to present.

Professor/Extension Forestry Specialist, Department of Forest Resources/Wildland Resources, Utah State University. April 1992 to present (Assistant Professor April 1992 to April 1995; Associate Professor April 1995 to June 2005).

Acting Head, Department of Forest Resources, Utah State Univ. August 2000 to July 2001.

Assistant Professor/Extension Forestry Specialist, Department of Forestry, Fisheries and Wildlife; University of Nebraska. January 1986 to March 1992.

Graduate Research Assistant, School of Forestry, Auburn University, Auburn, Alabama. August 1982 to December 1985.

Timber Sale Preparation Forester, Medicine Bow National Forest, Hayden District, Encampment, Wyoming. December 1980 to July 1982.

Cartographer, Defense Mapping Agency, St. Louis, Missouri. June to December 1980.

Graduate Research Assistant, University of Missouri. August 1978 to June 1980.

Forest Technician, Rio Grande National Forest, Del Norte, Colorado. May to August 1977 and January to March 1978.

Teaching Assistant, University of Missouri. September 1976 to May 1977.

EXTENSION ACCOMPLISHMENTS

Urban/Community Forestry

- Focus on educating urban foresters and tree care professionals about tree biology related to landscape tree health and function, and about how they can help community members achieve their goals.
- Speak at and organize conferences and workshops, produce publications, videos, and web pages, and directly assist extension agents and urban forestry professionals.
- Created award-winning Tree Browser website (www.treebrowser.org) and App (working with Wes James) and USU Extension forestry (forestry.usu.edu) websites.
- Served as first Chairman of the Board of TreeLink (see www.treelink.org).
- Invited member of the teaching cadre of the first Municipal Foresters Institute (2006), a very successful

program that educates 30-40 municipal foresters per year from the U.S. and Canada.

- Notable publications include the books *Trees of Utah and the Intermountain West* and *Trees of Nebraska* and two *What Tree Is That?* tree ID guides for the NADF (several hundred thousand distributed).
- Invited talks at National Arbor Day Foundation's (NADF) Trees and Utilities Conferences, Community Forestry at its Best, and Partners in Community Forestry Conferences; SAF National Conventions; ISA Annual Conferences; National Urban Forestry Conferences; the Farwest Nursery Show (Oregon; largest nursery professional trade show in the world); the Minnesota Shade Tree Workshop (keynote; about 650 in attendance); the Western Slope Tree Care Conference (Colorado); and at many other local and regional conferences and workshops.
- Sabbaticals at Oregon State University, College of Forestry in 1998-99 and U.S. Forest Service PNW Station lab in Seattle in 2008-09, focused largely on urban forestry.

Private Forest Landowner Education Program

- Focus on improving forest practices on private forest land in Utah, helping landowners accomplish their land management goals, and helping Utahns understand forests and forestry.
- I created and administer this program; Darren McAvoy and hourly staff carry out day-to-day operations.
- Funded by \$124K annual appropriation from State of Utah; additional \$794K funding received for program from USDA-FS from 2000 to 2008.
- Program activities include quarterly newsletter, fact sheets, and other publications; workshops and webinars; working with agencies and organizations; and providing direct assistance to landowners and the forest industry.
- Thousands of landowners and others reached through this program since its inception in 1997.

Wildland/Urban Interface Issues

- Focus on increasing awareness of and knowledge about appropriate living in the wildland/urban interface, with an emphasis on vegetation and fire safety.
- Represented Extension on national Firewise Landscaping Task Force with the USDA Forest Service and National Fire Protection Association (this task force originated the "firewise" concept).
- Have presented on these subjects to community representatives from throughout Utah.
- Produced booklet *Firewise Landscaping for Utah* (over 50,000 hard copies distributed).
- Regularly write newsletter articles and media releases on these subjects.

RESEARCH ACCOMPLISHMENTS

Research Projects

- Recent research focus has mirrored extension focus, with emphasis on trees in cultivated landscapes, urban forestry, and forest landowners' practices and attitudes. Examples of specific studies include:
 - Public knowledge and attitudes about utility line clearance pruning (funded by ISA).
 - Utah urban forestry program characteristics (funded by Utah state forestry).
 - Characteristics of women and minorities in urban forestry professions (funded by NUCFAC).
 - Effects of root ball packing materials on root growth (funded by ISA).
 - NIPF landowners' attitudes about ecosystem management (funded by USDA CSREES).
 - Status of urban forestry and urban forestry programs in the Intermountain West (1997 and 2013).

Graduate Education

- Have supervised 5 M.S. and one Ph.D. student and served on committees of an additional 17 M.S. and 4 Ph.D. students.

Presentations

- Research results reported at a National Urban and Community Forestry Advisory Committee meeting, National Association of State Foresters meeting; Association of Natural Resource Extension Professionals

Conferences, ISA National Conferences; National Urban Forestry Conferences; SAF National Conventions; North American Forest Biology Workshops, and others.

Grants, Funding (including Extension)

- \$237,245 as PI last 5 years and \$731,245 since 2004.
- \$1,870,000 from the State of Utah for Forest Landowner Education Program support (\$110,000 to \$120,000 per year since 1997)
- \$794,000 from USDA-Forest Service through direct Congressional appropriations 2000-08

ADMINISTRATIVE ACCOMPLISHMENTS

- Interim Head of Wildland Resources Department, July 1, 2012 to now. This department has 31 faculty, several hundred students, dozens of staff, and a \$7.3 million dollar budget, including \$4.8 million in grants. Significant accomplishments since I started as DH include hiring three faculty, reworking our undergraduate curricula, and conducting a research futures exercise with the department. I also am chairing the WATS Department Head search committee.
- Acting Head of USU's Department of Forest Resources, August 2000 to July 2001; 14 full-time faculty, several hundred undergraduates, budget of \$1.1 million excluding grants. Participated in faculty and staff evaluations and annual budget process, while maintaining my Extension program and teaching an introductory undergraduate course.
- Represented USU on national Natural Resources and Environmental Management Team, 2003.
- Administer Utah Forest Landowner Education Program, 1997-now.
- Forestry, Fisheries, & Wildlife Department Extension coordinator at Univ. of Nebraska, 1986-1992.

TEACHING ACCOMPLISHMENTS

- Taught senior-level Environmental Education course for three years. Enrollment went from 6 students before I taught it to 24 my last year. High student evaluations. The course I designed was used as the basis for a course that has been taught by others for several years.
- Taught one-credit natural resources introduction class while serving as Acting Department Head.
- Helped design and teach a 3 credit online Urban Forestry course using WebCT, one of the first such courses in the country.
- Advised all USU undergraduate forestry students from 2005 to 2012.

HONORS AND AWARDS

- Association of Natural Resources Extension Professionals (ANREP) President-elect, President, past-president, 2008-10
- Gold Award Refereed Journal Article, ANREP, 2009
- Silver Award Webpage, ANREP, 2009
- Technology Team Award for the New Tree Browser, ESP Iota Chapter, 2009
- Overall USU Extension Specialist Award, USU, 2008
- Silver Award Refereed Journal Article, ANREP, 2007
- President's Award, ANREP, 2006
- Gold Award, Newsletter, Association of Natural Resources Extension Professionals, 2006
- President's Award, Utah Community Forest Council, 2004
- Innovative Program Award, USU Extension Specialist Association, 2004
- Merit Award, Intermountain Society of American Foresters, 2004
- Silver Award Web Page, Association of Natural Resources Extension Professionals, 2004
- Forester of the Year, Intermountain Society of American Foresters, 1997
- New Specialist Award, USU Extension Specialist Association, 1995
- Outstanding New Specialist Award, Nebraska Cooperative Extension Association, 1990
- Project Learning Tree Outstanding New Program Award, 1990

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

- Association of Natural Resources Extension Professionals
- Society of American Foresters
- International Society of Arboriculture (including Utah Chapter)
- International Union of Forestry Research Organizations
- Xi Sigma Pi
- Utah Community Forest Council

EXTENSION PUBLICATIONS

Fact Sheets/Circulars

- Schwender, M. and M.R. Kuhns. 2013. How to create a wildlife-friendly yard. Utah State Univ. Extension Forest Facts, NR/FF/024 (pr). 8 pp.
- Page, W.G and M.R. Kuhns. 2013. Prescribed fire on public lands. Utah State Univ. Extension Forest Facts, NR/FF/024 (pr). 5 pp.
- Kuhns, M.R. and R. Long. 2013. USU campus tree identification tour. Utah State Univ. Extension Forest Facts, NR/FF/023 (pr). 10 pp.
- Schwender, M. and M.R. Kuhns. 2013. Preventing deer damage to your trees and shrubs. Utah State Univ. Extension Forest Facts, NR/FF/022 (pr). 8 pp.
- Kuhns, M.R. 2012. Species ratings for landscape tree appraisal in Utah (updated). Utah State Univ. Extension Forest Facts, NR/FF/001 (pr). Updated 2/12. 4 pp.
- Kuhns, M.R. 2011. Getting chemicals into trees without spraying. Utah State Univ. Extension Forest Facts, NR/FF/020 (pr). 6 pp.
- Kuhns, M.R. 2011. UofU tee identification tour. Utah State Univ. Extension Forest Facts, NR/FF/019 (pr). 12 pp.
- Kuhns, M.R., and R.H. Miller. 2011. Planting trees for energy efficiency: The right tree in the right place. Rocky Mountain Power Publication. 2 pp.
- Wagner, K. and M.R. Kuhns. 2011. Sunscald injury or southwest injury on deciduous trees. Utah State Univ. Extension Forest Facts, NR/FF/021 (pr). 4 pp.
- Davis, R.S., M. Kuhns, and C. Nischwitz. 2011. Spruce health in Utah landscapes. Utah Pests Factsheet ENT-054-11. 10 pp.
- Beddes, Taun, Marion Murray, Michael Kuhns, and Jerry Goodspeed. 2011. Walnuts in the home orchard. USU Extension Bulletin HG/Home Orchard/2011-02pr. 6 pp. Accessed at http://extension.usu.edu/files/publications/publication/HG_HomeOrchard_2011-02pr.pdf; April 5, 2011.
- Beddes, Taun, Steve Renquist, Michael Kuhns, and Michael Pace. 2011. Hazelnuts in the home orchard. USU Extension Bulletin (pr). 10 pp.
- Kuhns, Michael. 2011. Selecting firewise plants. eXtension Fact Sheet (pr). Accessed at <http://www.extension.org/pages/32729/selecting-firewise-plants>; January 26, 2011.

- Kuhns, Michael. 2011. Natural resources Extension programs and impacts: Forest & range management. ANREP Fact Sheet, Summer 2011, 2 pp.
- Kuhns, Michael. 2011. Natural resources Extension programs and impacts: Natural resources and business. ANREP Fact Sheet, Summer 2011, 2 pp.
- Kuhns, Michael. 2011. Natural resources Extension programs and impacts: Natural resources education. ANREP Fact Sheet, Summer 2011, 2 pp.
- Kuhns, Michael. 2011. Natural resources Extension programs and impacts: Sustainable living. ANREP Fact Sheet, Summer 2011, 2 pp.
- Kuhns, Michael. 2011. Natural resources Extension programs and impacts: Water issues. ANREP Fact Sheet, Summer 2011, 2 pp.
- Kuhns, Michael. 2011. Natural resources Extension programs and impacts: Wildfire safety. ANREP Fact Sheet, Summer 2011, 2 pp.
- Kuhns, Michael. 2011. Natural resources Extension programs and impacts: Wildlife and fisheries. ANREP Fact Sheet, Summer 2011, 2 pp.
- Kuhns, M.R. 2011. Native American uses of Utah forest trees. Utah State Univ. Extension Forest Facts, NR/FF/018pr. 8 pp.
- Shao, M., and M.R. Kuhns. 2008. Planting landscape trees. USU Extension Forest Facts, NR/FF/017pr. 6 pp.
- Kuhns, Michael. 2010. Windbreak benefits and design. Utah State Univ. Extension Forest Facts, NR/FF/005 revised. 4 pp.
- Dennis-Perez, Lisa, and Michael Kuhns. 2010. Forest management planning. Utah State Univ. Extension Forest Facts, NR/FF/003 revised. 4 pp.
- Kuhns, Michael. 2010. Ensuring firefighter access and your escape during a wildfire. eXtension Fact Sheet(pr). Accessed at http://www.extension.org/pages/Ensuring_Firefighter_Access_and_Your_Escape_During_a_Wildfire; August 9, 2010.
- Nader, Glenn, Max Moritz, Stephen Quarles, and Michael Kuhns. 2009. How do wildfires behave? What you need to understand to protect your property from fire. eXtension Fact Sheet(pr). Accessed at http://www.extension.org/pages/How_Do_Wildfires_Behave%3F; July 8, 2010.
- Olsen, S., J. Gunnell, M.R. Kuhns, and A. Barnhill. 2009. Small trees for planting near power lines. USU Extension Fact Sheet 2009-01pr. 7 pp.
- Kuhns, M.R.. 2009. Six tree planting steps. In: Varga Arboretum Plant List, Utah Botanical Center, USU. 1 pg.
- Kuhns, M.R. 2007. Conifers for Utah. USU Extension Forest Facts, NR/FF/015. 6 pp.

- Kratsch, H., and M.R. Kuhns. 2006. 16 less common trees for Utah landscapes: Diversifying Utah's community forests. USU Extension Forest Facts, NR/FF/014. 16 pp.
- Kuhns, M.R. 2006. Firewise landscaping. Publication of Utah Living With Fire Committee. 2 pp.
- Daniels, B., D. McAvoy, and M.R. Kuhns. 2005. Timber sale contracts. USU Extension Forest Facts, NR/FF/013. 6 pp.
- McAvoy, D., M.R. Kuhns, and J. Black. 2004. Utah forest types: An introduction to Utah Forests. USU Extension Forest Facts, NR/FF/011. 4 pp.
- Daniels, B., D. McAvoy, M.R. Kuhns, and R. Gropp. 2004. Managing forests for water quality: Forest Roads. USU Extension Forest Facts, NR/FF/010. Peer reviewed. 6 pp.
- Daniels, B., D. McAvoy, M.R. Kuhns, and R. Gropp. 2004. Managing forests for water quality: Stream crossings. USU Extension Forest Facts, NR/FF/009. Peer reviewed. 6 pp.
- Daniels, B., D. McAvoy, M.R. Kuhns, and R. Gropp. 2004. Managing forests for water quality: Streamside management zones. USU Extension Forest Facts, NR/FF/008. 6 pp.
- Kuhns, M.R. and D. McAvoy. 2003. Extension forestry at Utah State University. USU Extension Forestry Fact Sheet. 2 pp.
- Cerny, T.A., L.A. Rupp, C.R. Reid, M.R. Kuhns. 2002. Selection and culture of landscape plants in Utah: A guide for southwestern and central Utah. USU Extension Fact Sheet HG-500.3. 21 pp.
- Rupp, L.A., W.A. Varga, T.A. Cerny, C.R. Reid, M.R. Kuhns. 2002. Selection and culture of landscape plants in Utah: A guide for high mountain valleys. USU Extension Fact Sheet HG 500.2. 17 pp.
- Cerny, T.A., M.R. Kuhns, K.L. Kopp, and M. Johnson. 2002. Efficient irrigation of woody landscape plants. Utah State Univ. Extension Fact Sheet HG 253. 5 pp.
- Pace, M. and M.R. Kuhns. 2000. Don't top it! A Guide to proper pruning methods. Utah State Univ. Extension Fact Sheet. 2 pp.
- Kuhns, M.R. 1999. Western spruce budworm in Utah: Identification, management, and control. Utah Div. of Forestry, Fire & State Lands fact sheet. 2 pp.
- Stange, C., J. Wilson, J. Brandle, and M. Kuhns. 1998. Windbreak renovation. Univ. of Nebr. Coop. Ext. EC 98-1777-X. 8 pp.
- Kuhns, M.R. 1998. Species ratings for landscape tree appraisal in Utah. Utah State Univ. Extension Forest Facts, NR/FF/001. 4 pp.
- Kuhns, M.R. 1998. Firewise plants for Utah landscapes. Utah State Univ. Extension Forest Facts, NR/FF/002. 4 pp.
- Kuhns, M.R. 1998. Pruning landscape trees: An overview. Utah State Univ. Extension Forest Facts, NR/FF/004. 4 pp.

- Kuhns, M.R. 1998. Windbreak benefits and design. Utah State Univ. Extension Forest Facts, NR/FF/005. 4 pp.
- Kuhns, M.R. 1997. Key to the trees of Logan Canyon. Utah State Univ. Extension Forestry Fact Sheet. Updated in 1997. 10 pp.
- Koenig, R. and M.R. Kuhns. 1996. Control of iron chlorosis in ornamental and crop plants. Utah State Univ. AG-SO-01. Electronic publication.
- Kuhns, M.R. and L.A. Rupp. 1995. Selecting and planting landscape trees. Utah State Univ. EC 460 and HG 460 (electronic publication). 31 pp.
- Kuhns, M.R. and S. Bunker. 1994. Trees and conservation: Saving you money. Provo Energy Dept. 2 pp.
- Kuhns, M.R. 1994. Planting landscape trees. Utah State Univ. EL 287.
- Kuhns, M.R. and D. Robins. 1994. Trees and power lines: Getting the message through. Provo Energy Dept. 2 pp.
- Kuhns, M.R. 1993. Planting trees for energy conservation. Utah State Univ. EL 272.
- Kuhns, M.R. 1993. Trees and power lines. Idaho Dept. of Lands brochure. 8 pp.
- Kuhns, M.R. 1993. Trees and power lines. Utah State Univ. EL270. 8 pp.
- Kuhns, M.R. 1991. Nebraska's Champion Tree program. Univ. of Nebraska EC91-1759.
- Mooter, D.P. and M.R. Kuhns. 1991. Tree injuries--Prevention and care. Univ. of Nebraska G91-1035.
- Schmidt, T.L. and M.R. Kuhns. 1990. Nebraska forest resources: Acreages and ownerships. Univ. of Nebraska G90-968.
- Schmidt, T.L. and M.R. Kuhns. 1990. Native wood fence posts. Univ. of Nebraska G76-314 (rev. 2/90).
- Adams, D.M., D.P. Mooter, and M.R. Kuhns. 1989. Landscape tree valuation. Univ. of Nebraska G77-348.
- Kuhns, M.R. 1989. Arbor Day, a Nebraska creation. Univ. of Nebraska EC89-1221.
- Kuhns, M.R. and G.M. Kuhn. 1989. Why plant field windbreaks in the Conservation Reserve Program? USDA-SCS Fact Sheet NE-FS-60.
- Wilson, J.S. and M.R. Kuhns. 1989. Windbreak maintenance and renovation. Univ. of Nebraska G89-923.
- Wysong, D.S., M.O. Harrell, D.H. Steinegger, and M.R. Kuhns. 1989. Iron chlorosis of trees and shrubs. Univ. of Nebraska G84-705.
- Kuhns, M.R. and R.D. Schnieder. 1988. Christmas tree selection and care. Univ. of Nebraska G88-866.

Lodes, R.J. and M.R. Kuhns. 1988. Growing shrubs from seed. Univ. of Nebraska G88-873.

Kuhns, M.R. and T.L. Schmidt. 1988. Heating with wood I. Species characteristics and volumes. Univ. of Nebraska G88-881.

Books, Booklets

Daniels, B., D. McAvoy, and M.R. Kuhns. 2010. Timber Sale Contracts. In: Nichols Cyclopedia of Legal Forms, Vol. 5E, Logs, Trees and Lumber. Thomson Reuters Publishing, New York.

Kuhns, M.R. and B. Daniels. 2007. Firewise Landscaping for Utah (revised). Utah State University Extension. 34 pp.

Kuhns, M.R. and B. Daniels. 2005. Firewise Landscaping for Utah. Utah State University Extension. 34 pp.

Kuhns, M.R. 2004. Utah Tree Field Guide. Utah State University Extension. 85 pp.

Kuhns, M.R., D. Reiter, and B. Lee. 2003. Utah's Community Forests: Results of a Survey of Utah Towns and Cities to Determine Characteristics of Urban and Community Forestry Programs. Report for: Utah Div. Forestry, Fire & State Lands. 94 pp.

Envision Utah Urban Forestry Committee. 2002. Urban Forestry. In: Urban Planning Tools for Quality Growth 2002 Supplement. Chaired committee and wrote major portions of this chapter. Envision Utah, pp.139-170.

Kuhns, M.R. and L.A. Rupp. 2000. Selecting and planting landscape trees, 2nd edition. Utah State Univ. NR-460. 47 pp.

Kuhns, M.R. 1998. A Guide to the Trees of Utah and the Intermountain West. USU Press. 341 pp.

Kuhns, M.R., A.R. Kelson, and R.J. Lilieholm. 1997. Utah and Nevada wood industry directory 1997. Utah State Univ. Extension NR-502. 88 pp.

National Arbor Day Foundation. 1994. What tree is that? A guide to the more common trees found in the western U.S. 83 pp.

Utah Private Lands Initiative Committee. 1993. Utah wildlife conservation program directory. Utah State University EC453. 35 pp.

Kuhns, M.R. and D.P. Mooter. 1992. Trees of Nebraska. Univ. of Nebraska EC92-1774-X. 75 pp.

Kuhns, M.R. 1991. 4-H Tree identification manual. Univ. of Nebraska 4-H 332. 67pp.

National Arbor Day Foundation. 1991. What tree is that? A guide to the more common trees found in the eastern and central U.S. 71 pp.

Proceedings

Kuhns, M.R., R. Holloway, and L.N. Holmgren. 2012. Tree Browser Mobile – Not just for the desktop anymore. UACAA 2012 Summer Meeting Proceedings, pg. 11.

- McAvoy, D.J., and M.R. Kuhns. 2010. Webcasting: A tool for collaborative programming in challenging budget times. Abstract in: Proc. 7th Natural Resource Extension Professionals Conference – Opportunities for Extension in a Changing Environment: Lessons from the Last Frontier. Fairbanks, AK, June 27-30, 2010, p. 111.
- McAvoy, D.J., and M.R. Kuhns. 2010. Webcasting: A tool for collaborative programming in challenging budget times. Abstract in: Proc. 7th Natural Resource Extension Professionals Conference – Opportunities for Extension in a Changing Environment: Lessons from the Last Frontier. Fairbanks, AK, June 27-30, 2010, p. 111.
- Kuhns, M.R. 2006. The importance of large trees to our communities and how to allow for them. Abstract in: Proc. 9th European Forum on Urban Forestry – Urban Forestry: Bridging Cultures, Disciplines, Old Attitudes, and New Demands. Florence, Italy, May 22-26, 2006, pp. 91-92.
- Kuhns, M.R. 2006. Utility tree pruning and what people think about it: results of a study in the Western United States. Abstract in: Proc. 9th European Forum on Urban Forestry – Urban Forestry: Bridging Cultures, Disciplines, Old Attitudes, and New Demands. Florence, Italy, May 22-26, 2006, pp. 55-56.
- Hubbell, J., F. Baker, M. Kuhns, and C. Johnson. 2004. Urban Forestry: Online and On Target. Proc. Fifth Biennial Conference on University Education in Natural Resources. Flagstaff, AZ, March 2004.
- Reid, C.R., C. Reese, J.E. Bowns, and M.R. Kuhns. 2003. Southern Utah Forest Landowner Education Programs. Proc. IUFRO Extension Working Party Symposium. Troutdale, OR, October 2003.
- Kuhns, M.R. 2003. Big trees in the city: A perfect fit. Paper in: Proc. 2003 Natl. Urban Forestry Conf. San Antonio, TX, September 2003, pp. 269-271.
- Goodspeed, J.L., and M.R. Kuhns. 2002. Developing a volunteer workforce to strengthen urban forestry programs in Weber County. Abstract in: Proc. Western Region County Agents Professional Improvement Conference. Las Vegas, NV, Nov. 18-19, 2002, p. 28.
- Kuhns, M.R., J. Goodspeed, S. Rasmussen, C. Carlson, and S. Josiah. 2002. Adapting the Master Gardener concept for urban/community forestry. Abstract in: Proc. 3rd Natural Resource Extension Professionals Conf. Naples, FL, June 2002, p. 45.
- Dennis-Perez, L., and M.R. Kuhns. 1999. Utah's forest landowner education program. Abstract in: Proc. Soc. Am. Foresters Natl. Convention. Portland, OR, September 1999.
- Dennis-Perez, L., and M.R. Kuhns. 1998. Utah's forest landowner education program. Abstract in: Proc. 1st National Extension Natural Resources Conf. Deerwood, MN, May 1998.
- Kuhns, M.R., G. Ferenz, and D.J. Blahna. 1995. Effective community involvement in urban forestry programs. Proc. 7th Natl. Urban Forestry Conf. New York, September 1995, pp. 184-187.
- Brunson, M.W., S.D. Roberts, and M.R. Kuhns. 1995. Influence of land ownership patterns on non-industrial private forest attitudes toward ecosystem management. Proc. Who Owns America? Conf., Land Tenure Center, Univ. Wisc.-Madison. Madison, WI, June 1995.

- Kuhns, M.R. and M.W. Blood. 1994. Community forestry on a military base. Proc. Soc. Am. Foresters Natl. Convention. Anchorage, AK, September 1994.
- Kuhns, M.R. 1990. Modern windbreaks. Conservation Tillage Proc. No. 9, Univ. of Nebraska Coop. Ext., pp. 49-50.
- Kuhns, M.R. and B.B. Johnson. 1989. Windbreak valuation. Proc. Soc. Am. Foresters Natl. Convention. Spokane, WA, September 1989.
- Wilson, J.S. and M.R. Kuhns. 1989. Windbreak maintenance and renovation. Great Plains Ag. Council Publ. No. 128, Proc. Windbreak Renovation Workshop. Winner, SD, October 1989.
- Kuhn, G.M. and M.R. Kuhns. 1988. Modern field windbreak designs for the Great Plains. Proc. Soc. Am. Foresters National Convention. Rochester, NY, October 1988.

Popular Articles

- Kuhns, M.R. 2013. Trees have value – Part 1. ArborEssence, UCFC/Utah-ISA Newsletter, in press.
- Kuhns, M.R. 2013. Tree have value – Part 2. ArborEssence, UCFC/Utah-ISA Newsletter, in press.
- Kuhns, M.R. 2012. Getting chemicals into trees without spraying – Part 2: Soil injection/drenching and trunk basal spray. Utah Pests News, Summer 2012, pp 3 & 5.
- Kuhns, M.R. 2012. Getting chemicals into trees without spraying – Part 1: Implantation and injection. Utah Pests News, Spring 2012, pp. 5-6.
- Kuhns, M.R. 2012. Tree value fact sheet has been updated. ArborEssence, UCFC/Utah-ISA Newsletter, 131(1):13.
- Kuhns, M.R. 2011. Should you remove root ball packing materials at planting time? ArborEssence, UCFC/Utah-ISA Newsletter, 12(4):5-7.
- Kuhns, M.R. 2011. Restoring the West. Southern Utah Biomass Newsletter, 2011:19. Online at <http://goo.gl/iHjIe>.
- Kuhns, M.R. 2011. A word from our President ... ANREP website review. ANREP Newsletter, Summer 2011, pp. 11-12.
- Kuhns, M.R. 2011. They are supposed to be evergreen – not brown! ArborEssence, UCFC/Utah-ISA Newsletter, 12(2):6-7.
- Murray, M. and M. Kuhns. 2011. November 2010 freeze injured tender trees. Utah Pests News, Summer 2011, pp. 4-5.
- Kuhns, M.R. 2010. Color in autumn leaves. Online CEU opportunity for Society of Municipal Arborists, November 2010. Online at www.urban-forestry.com for SMA members only.
- Kuhns, M.R. 2010. Sidewalk repair and structural soils. Online CEU opportunity for Society of Municipal Arborists, July 2010. Online at www.urban-forestry.com for SMA members only.

- Kuhns, M.R. 2010. Trees & ice storms. Online CEU opportunity for Society of Municipal Arborists, March 2010. Online at www.urban-forestry.com for SMA members only.
- Kuhns, M.R. 2009. What can you do to help evergreens get through the winter? ArborEssence, UCFC/Utah-ISA Newsletter, 10(4):6-7.
- Kuhns, M.R. 2009. New online USU Tree Browser available. ArborEssence, UCFC/Utah-ISA Newsletter, 10(1):18.
- Kuhns, M.R. 2008. Growing a good tree root system. ArborEssence, UCFC/Utah-ISA Newsletter, 9(1):12-13.
- Kuhns, M.R. 2007. Managing drought stress in landscape trees. Utah Pest News, Winter 2007-08, 1:7-8.
- Kuhns, M.R. 2007. Trees and drought. ArborEssence, UCFC/Utah-ISA Newsletter, 8(3):4-7.
- Kuhns, M.R. 2007. Landscape trees & global warming. Tree Cookies Etc., Virginia Tech U., 3(1):1, 3.
- Kuhns, M.R. 2006. Understanding trees and drought. American Nurseryman, 204(9):38-40.
- Kuhns, M.R. 2006. Managing for large trees in our cities. In: Wood Notes Quarterly, TreeLink On-line Magazine 8(4); Winter 2006; www.treelink.org.
- Kuhns, M.R. 2005. Pines for Utah. The Garden Patch, Salt Lake Master Gardener Assn. Newsletter 7(4):1,7.
- Kuhns, M.R. 2005. Pines for Utah. Seeds of Change, TreeUtah Newsletter 8(1):3.
- Kuhns, M.R. 2004. Directional pruning leaves utility lines clear and trees healthy. Western Arborist 30(3)16-18.
- Kuhns, M.R. 2004. Utah-grown Christmas trees. Garden Utah 1(5):1-2.
- Kuhns, M.R. 2004. Test your tree IQ. Seeds of Change, TreeUtah Newsletter 7(2):1-3.
- Kuhns, M.R. 2004. Trees for lousy sites. ArborEssence, UCFC/Utah-ISA Newsletter. 5(3):10-11.
- Kuhns, M.R. 2004. Directional pruning leaves utility lines clear and trees healthy. In: Wood Notes Quarterly, TreeLink On-line Magazine 7(1); Spring 2004; www.treelink.org.
- Kuhns, M.R. 2004. Native trees for Utah landscapes. Seeds of Change, TreeUtah Newsletter 7(1):1-4.
- Kuhns, M.R. 2003. Do trees belong in a dry environment? Seeds of Change, TreeUtah Newsletter 6(2):1-4.
- Koenig, R., T. Cerny, and M.R. Kuhns. 2003. Landscape irrigation and the drought. ArborEssence, UCFC/Utah-ISA Newsletter. 4(2):4-5.
- Kuhns, M.R. 2003. Managing for large trees in our cities. Seeds of Change, TreeUtah Newsletter 6(1):1-4.

- Kuhns, M.R. 2003. Safely watering trees in a drought. ArborEssence, UCFC/Utah-ISA Newsletter. 4(1):4.
- Kuhns, M.R. 2002. Watering trees in a drought. Seeds of Change, TreeUtah Newsletter 5(2):1-3.
- Kuhns, M.R. 2002. Remove root ball packing materials to help trees survive and thrive. Seeds of Change, TreeUtah Newsletter 5(1):1-2.
- Kuhns, M.R. 2001. Research notes: More wood from sustainable forests. Utah Forest News 5(4):6-7.
- Kuhns, M.R. 2001. Planting landscape trees. ArborEssence, Utah Chapter ISA Newsletter 2(1):3-5.
- Kuhns, M.R. 2001. Be a good tree care consumer. Seeds of Change, TreeUtah Newsletter 4(2):1-2.
- Kuhns, M.R. 2001. Magnolias for Utah. Seeds of Change, TreeUtah Newsletter 4(1):1-4.
- Kuhns, M.R. 2000. Create a forest for your trees? Seeds of Change, TreeUtah Newsletter 3(2):1-3.
- Kuhns, M.R. 2000. Planting trees? Dig big! Seeds of Change, TreeUtah Newsletter 3(1):1-4.
- Kuhns, M.R. 2000. Swamp white oak (*Quercus bicolor*): A tree for Utah. Utah Chapter ISA Newsletter, 1(1):7-8.
- Kuhns, M.R. 2000. Christmas tree selection tips. Hilltop Times, Hill AFB; Dec. 14, 2000.
- Kuhns, M.R. 1999. Are small trees always appropriate as street trees? Seeds of Change, TreeUtah Newsletter, 2(2):1-2.
- Kuhns, M.R. 1999. Are native trees always the best choices? Seeds of Change, TreeUtah Newsletter, 2(1):1-4.
- Kuhns, M.R. 1999. Check freshness before buying holiday tree. Hilltop Times, Hill AFB; Dec. 9, 1999.
- Kuhns, M.R. 1998. Oaks for Utah. Seeds of Change, TreeUtah Newsletter, 1(1):3-4.
- Kuhns, M.R. 1998. Don't plant a \$100 tree in a \$2 hole. Wasatch Yard & Garden 2(2):15.
- Kuhns, M.R. 1996. How landscape design and maintenance practices can help save homes and lives in fire-prone areas. Western Landscapes Plus 6(2):16.
- Kuhns, M.R. 1996. Ensuring effective involvement in urban forestry. Seeds of Change, TreeUtah and Utah Community Forest Council Publ. Spring 1996; pp. 1-2.
- Kuhns, M.R. 1996. Iron injections in spring: One approach to easing the effects of iron chlorosis in valuable landscape trees. Western Landscapes Plus 6(1):15-16.
- Kuhns, M.R. 1995. Canyon maple: A tree for the interior West. Tree Leaves, ISA Rocky Mountain Chapter Publ. 21(3):22-23.
- Kuhns, M.R. 1995. Clearing up a misconception about honeylocusts. Western Landscapes Plus 5(3):12.

- Kuhns, M.R. 1995. Young perennials and old spruces. *Western Landscapes Plus* 5(2):13.
- Kuhns, M.R. 1994. Are native trees always the best choices? *Western Landscapes Plus* 4(8):4.
- Kuhns, M.R. 1994. Firewise landscaping. *Seeds of Change, TreeUtah and Utah Community Forest Council Publ.* Summer 1994; pp. 3-4.
- Kuhns, M.R. 1994. Designing a windbreak. *Utah Farmer*, May 1994; 114(5):26-27.
- Kuhns, M.R. 1993. Firewise landscaping. *Tree Leaves, ISA Rocky Mountain Chapter Publ.* 17(4):20-21.
- Kuhns, M.R. and C. Dickson. 1993. City forests. In: *Deseret News*, Salt Lake City, UT, 4/13/93. 8 pp.
- Kuhns, M.R. 1993. New tree planting method increases tree vigor. *Great Western Landscapes Plus* 3(4):1-2.
- Kuhns, M.R. 1993. Landscape trees and global warming. *Tree Leaves, ISA Rocky Mountain Chapter Publ.* 17(2):8-9.
- Kuhns, M.R. 1993. Identification and keys: Identifying trees. *Nebraskaland Mag.* 71(1):90-91.
- Kuhns, M.R. 1993. Summer key to Nebraska's trees. *Nebraskaland Mag.* 71(1):92-96.
- Kuhns, M.R. 1992. Bur oak: A tree for the Rocky Mountain region. *Tree Leaves, ISA Rocky Mountain Chapter Publ.* 16(3):10-11.
- Kuhns, M.R. 1992. Answer to unhealthy livestock and wildlife may be blowing in the wind. *Utah Farmer-Stockman Supplement*, September 1992. pp. 14-15.

Other Publications

- Daniels, B., D. McAvoy, M. Kuhns, and R. Gropp. 2008. Here's how to plan and manage forest roads for water quality. Adapted from USU Extension Forestry fact sheet by Soc. Amer. Foresters for Forestry Source 13(9).
- Kuhns, M.R. 2003. Here's how to: Plant trees for energy conservation. Adapted from USU Extension fact sheet by Soc. Amer. Foresters for Forestry Source 8(6):11. Also on SAF web site at www.safnet.org/archive/0603_howtoplant.cfm.
- Kuhns, M.R. 2002. Here's how to: Design a windbreak. Adapted from USU Extension fact sheet by Soc. Amer. Foresters for Forestry Source 7(2):12.
- Kuhns, M.R. 2001. Results from nationwide study of urban forestry professionals. Short item in: *SAF Urban and Community Forestry Spring/Summer Resource Letter*. July 2001.
- Kuhns, M.R. and T.G. Van Niel. 1996. Utah's private forest land characteristics. Appendix A in: *Utah Forest Legacy Program Assessment of Need*, October 1996; ed. Paige Lewis. 18 pp.
- Kuhns, M.R. and T.G. Van Niel. 1996. Utah's private forest land characteristics. Appendix C in: *Stewardship of Utah's Forests, A Report of the Utah Forest Practices Task Force*, ed. J. Endter-Wada. 15 pp.

Wasatch Front Chapter SAF. 1996. Vision and principles statements: Utah Soc. Amer. Foresters meeting. Report to 7th Amer. Forest Congress, Pre-Congress Submissions. Ed. By M. Brunson, M. Kuhns, and J. Farrar. p. 40.

USDA-Extension Urban Ecosystem Action Planning Team. 1995. Urban community ecosystems: A national action plan. USDA-CSREES. 8 pp.

Kuhns, M.R. 1995. Understanding urban ecosystems. Letter to editor published in *American Forests* 101 (5-6):27.

Kuhns, M.R. and D.J. Blahna. 1994. Looking at local priorities. Letter to editor published in *Urban Forests* 14(4):4.

O'Neill, M.P. and M.R. Kuhns. 1994. Stream bank erosion and channel maintenance. *Stream Notes*, July 1994:3-6.

Kuhns, M.R. 1994. What is a native tree? Letter published in SAF Urban Forestry Working Group Newsletter, Fall 1994.

DIGITAL MEDIA

CD-ROM

Holmgren, L., M.R. Kuhns, J. Hayes. 2002, 2005. USU Tree Browser: Tree Selection Program for Utah and the Intermountain West. CD-ROM-based tree selector and database.

Websites

M.R. Kuhns, L. Holmgren. 2008-present. USU Tree Browser Website. www.treebrowser.org.

M.R. Kuhns, D. McAvoy, and J.D. Shaw. 1998-present. USU Extension Forestry Website. extension.usu.edu/forestry.

Kuhns, M.R., K. Voth, and J. Anderson. 1998. BLM Riparian Recovery Initiative Website. Project coordinator and reviewer; www.blm.gov/riparian/index.htm.

Videos

Pruning Tools. 2012. USU Extension. Wrote and presented. 4 minutes. Access at <http://www.youtube.com/watch?v=X8aH8VJnUR4>.

Pruning Multi-Stemmed Trees. 2012. USU Extension. Wrote and presented. 3 minutes. Access at http://www.youtube.com/watch?v=ioYY_y20KIw.

Basic Tree Pruning Cut. 2012. USU Extension. Wrote and presented. 5 minutes. Access at <http://www.youtube.com/watch?v=mOWI-fne2BQ>

Pruning Shrubs. 2012. USU Extension. Wrote and presented. 6 minutes. Access at <http://www.youtube.com/watch?v=izGpoP8JsB4>.

Watershed Best Management Practices. 1997. USU Extension Natural Resources. Wrote script on forestry, water quality, and BMP's; in-depth review of script; taped segment in August 1994.

- Green Side Up: Planting Conservation Trees. 1994. Module 1: Seedling Handling and Storage; Module 2: Hand Planting; Module 3: Machine Planting. USDA Forest Service Region 2 S&PF and Center for Semiarid Agroforestry. Wrote initial proposal, co-wrote scripts and supporting materials, on-camera specialist/narrator. 40 minutes.
- Firewise Landscaping. 1994. Module 1: Overview (12:45); Module 2: Design and Installation (16:05); Module 3: Maintenance (9:14). Natl. Wildland/Urban Interface Fire Protection Pgm. and the Natl. Fire Protection Assn. Project development and technical review.
- Forest Stewardship: The Sign You Care. 1992. Forest stewardship program video produced by the Nebraska Forest Service. Co-wrote script. 15 minutes.
- Protecting Young Trees from Wildlife Damage. 1991. Univ. of Nebraska Cooperative Extension. Co-producer and on-camera specialist. 18 minutes.
- Landscape Tree Planting. 1989. Univ. of Nebraska Cooperative Extension. Co-producer, script-writer, and on-camera specialist. 41 minutes.
- Firewood for Home Heating. 1988. Univ. of Nebraska Cooperative Extension. Co-producer, script-writer, and on-camera specialist. 20 minutes.

RESEARCH PUBLICATIONS

Journal Articles

- Wagner, K., and M. Kuhns. 2013 Meeting horticulture clientele interests in an urban setting: A needs assessment for reduced pesticide and pollinator education in the greater Salt Lake area. *J. National Assn. County Ag. Agents* 6(1). Online at www.nacaa.com/journal/index.php?jid=221.
- Kuhns, M.R., and D. Reiter. 2009. Tree care and topping beliefs, knowledge, and practices in six western U.S. cities. *Arboriculture and Urban Forestry* 35(3): 122-128.
- Kuhns, M.R., and D. Reiter. 2007. Knowledge of and attitudes about utility pruning and how education can help. *Arboriculture and Urban Forestry* 33(4):264-274.
- Salmon, O., M. Brunson, and M.R. Kuhns. 2006. Benefit-based audience segmentation: A tool for identifying nonindustrial private forest (NIPF) owner education needs. *J. of Forestry*, 104(8):419-425.
- Kuhns, M.R., B. Lee, and D. Reiter. 2005. Characteristics of urban forestry programs in Utah. *J. of Arboriculture* 31(6):285-295.
- Stewart, J.R., R. Kjelgren, P.G. Johnson, and M.R. Kuhns. 2005. Growth and water relations of littleleaf linden trees in irrigated buffalograss and Kentucky bluegrass. *HortScience* 40(5):1529-1533.
- Stewart, J.R., R. Kjelgren, P.G. Johnson, and M.R. Kuhns. 2004. Soil-water-use characteristics of precision-irrigated buffalograss and Kentucky bluegrass. Online. *Applied Turfgrass Science*, doi:10.1094/ATS-2004-1118-01-RS.
- Kuhns, M.R., H.A. Bragg, and D.J. Blahna. 2004. Attitudes and experiences of women and minorities in the urban forestry/arboriculture profession. *J. of Arboriculture* 30(1):11-18.

- Kuhns, M.R., H.A. Bragg, and D.J. Blahna. 2002. Involvement of women and minorities in the urban forestry profession. *J. of Arboriculture* 28(1):27-34.
- Kelson, A.R., R.J. Lilieholm, and M.R. Kuhns. 1999. Economics of living snow fences in the Intermountain West. *Western J. Appl. Forestry* 14(3):132-136.
- Kuhns, M.R. 1998. Urban/community forestry in the Intermountain West. *J. of Arboriculture* 24(5):280-285.
- Kuhns, M.R., M.W. Brunson, and S.D. Roberts. 1998. Landowners' educational needs and how foresters can respond. *J. of Forestry* 96(8):38-43.
- R.van-C. Adkins, M.R. Kuhns, D.J. Blahna, and M.W. Blood. 1997. Urban forest resource management at Hill Air Force Base, Ogden, Utah. *J. of Arboriculture* 23(4):136-143.
- Gebre, G., J. Brandle, and M.R. Kuhns. 1997. Influence of rewatering and time of sampling on solute accumulation of two *Populus deltoides* clones. *Tree Physiol.* 17:341-346.
- Kuhns, M.R. 1997. Penetration of treated and untreated burlap by roots of balled-and-burlapped Norway maples. *J. of Arboriculture* 23:1-7.
- Brunson, M.W., D.T. Yarrow, S.D. Roberts, D.C. Guynn, and M.R. Kuhns. 1996. Nonindustrial private forest owners and ecosystem management: Can they work together? *J. of Forestry* 94:14-21.
- Gebre, G.M., M.R. Kuhns, and J.R. Brandle. 1994. Organic solute accumulation and dehydration tolerance in three water-stressed *Populus deltoides* clones. *Tree Physiol.* 14:575-587.
- Gebre, G.M. and M.R. Kuhns. 1993. Effects of water stress preconditioning on gas exchange and water relations of *Populus deltoides* clones. *Can. J. Forest Res.* 23:1291-1297.
- Kuhns, M.R., W.W. Stroup, and G.M. Gebre. 1993. Dehydration tolerance of five bur oak (*Quercus macrocarpa*) seed sources from Texas, Nebraska, Minnesota, and New York. *Can J. Forest Res.* 23:387-393.
- Gebre, G.M. and M.R. Kuhns. 1991. Seasonal and clonal variations in drought tolerance of *Populus deltoides*. *Can. J. Forest Res.* 21:910-916.
- Kuhns, M.R. and D.H. Gjerstad. 1991. Distribution of ¹⁴C-labeled photosynthate in loblolly pine (*Pinus taeda*) seedlings as affected by season and time after exposure. *Tree Physiol.* 8:259-271.
- Kuhns, M.R. and D.H. Gjerstad. 1988. Photosynthate allocation in loblolly pine (*Pinus taeda*) seedlings as affected by moisture stress. *Can. J. Forest Res.* 18:285-291.
- Kuhns, M.R., H.H. Garrett, R.O. Teskey, and T.M. Hinckley. 1985. Root growth of black walnut trees related to soil temperature, soil water potential, and leaf water potential. *Forest Sci.* 31(3):617-629.

Proceedings

- Kuhns, M.R., M. Perkins, and R. Long. 2013. Change in urban forestry programs in the western United States – A comparison over 15 years. Abstract (for presentation) in: Proc. 16th European Forum on Urban Forestry – The Walking Urban Forest: A Dynamic Green Infrastructure for Our Cities. Milan, Italy, May 7-11, 2013.
- Kuhns, M.R. 2013. Do people understand trees? Abstract in: Proc. 16th European Forum on Urban Forestry – The Walking Urban Forest: A Dynamic Green Infrastructure for Our Cities. Milan, Italy, May 7-11, 2013. pp. 111.
- Kuhns, M.R. 2010. What do people (and you) know about trees? Abstract and paper in: Proc. ISA Annual Conf., Chicago, IL. July 28, 2010.
- Kuhns, M.R. 2008. Does topping look good? Abstract in: Proc. ISA Annual Conf., St. Louis, MO. July 29, 2008.
- Kuhns, M.R. 2006. Utility tree pruning and what people think about it: Results of a study in the western United States. Abstract in: Proc. 9th European Forum on Urban Forestry – Urban Forestry: Bridging Cultures, Disciplines, Old Attitudes, and New Demands. Florence, Italy, May 22-26, 2006. pp. 53-54.
- Bragg, H.A., M.R. Kuhns, and D.J. Blahna. 1999. Urban forestry professionals: Who are we? Abstract in: Proc. Soc. Am. Foresters Natl. Convention. Portland, OR, September 1999.
- Kuhns, M.R., M.W. Brunson, and S.D. Roberts. 1996. Educational needs and expectations of forest landowners in two regions of the United States. In: Approaches to Extension in Forestry, Proc. Extension Working Party of Intl. Union of Forestry Res. Org. Symp. September 30-October 4, 1996, Freising, Germany. pp. 63-71.
- Gebre, G.M., J.R. Brandle, and M.R. Kuhns. 1996. Influence of sampling time of day on the level of solute accumulation in two eastern cottonwood (*Populus deltoides* Bartr.) clones. In: Proc. 14th No. Am. Forest Biol. Wkshp., Quebec City, Canada, June 16-20, 1996.
- Kuhns, M.R., G. Ferenz, and D.J. Blahna. 1995. Effective community involvement in urban forestry programs. In: Proc. of Inside Forest Ecosystems: 7th National Urban Forest Conference. September 12-16, 1995, New York. pp. 184-187.
- Brunson, M.W., S.D. Roberts, and M.R. Kuhns. 1995. Influence of land ownership patterns on NIPF attitudes toward ecosystem management. In: Proc. of Who Owns America? Land and Resource Tenure Issues in a Changing Environment. June 21-24, 1995, Madison, WI.
- Gebre, G.M., J.R. Brandle, and M.R. Kuhns. 1994. Differences in solute accumulation and dehydration tolerance of three *Populus deltoides* clones. In: Proc. 13th No. Am. Forest Biol. Wkshp., Baton Rouge, LA, June 14-16, 1994. p. 100.
- Gebre, G.M. and M.R. Kuhns. 1992. Effects of water stress and drought preconditioning on gas exchange of *Populus deltoides* clones. In: Proc. 12th No. Am. Forest Biol. Wkshp., Sault Ste. Marie, Ontario, Canada, August 1992. p. 93.

- Gebre, G.M. and M.R. Kuhns. 1991. Effects of water stress and preconditioning on photosynthesis, stomatal conductance, and osmotic potential of *Populus deltoides* clones. In: Proc. Nebr. Acad. Sci., Lincoln, NE, April 10-11, 1992. p. 23.
- Gebre, G.M. and M.R. Kuhns. 1990. Dehydration tolerance of *Populus deltoides* clones. In: Proc. Nebr. Acad. Sci., Lincoln, NE, April 20, 1990. pp. 22-23.
- Gebre, G.M. and M.R. Kuhns. 1990. Dehydration tolerance of *Populus deltoides* clones. In: Proc. 11th No. Am. Forest Biol. Wkshp., Athens, GA, June 13-15, 1990. pp. 45-46.
- Kuhns, M.R. and D.H. Gjerstad. 1990. Seasonal variation in short-term photosynthate allocation in loblolly pine (*Pinus taeda* L.). In: Proc. 11th No. Am. Forest Biol. Wkshp., Athens, GA, June 13-15, 1990. p. 40.
- Kuhns, M.R. and D.H. Gjerstad. 1988. Allocation of ¹⁴C-labelled photosynthate in loblolly pine seedlings as affected by moisture stress. In: Proc. 10th No. Am. Forest Biol. Wkshp., Vancouver, B.C., Canada, July 20-22, 1988. p. 186.
- Minogue, P.M., M.R. Kuhns, and B. Zutter. 1984. Pine release from hardwood competition with three rates of glyphosate. Southern Weed Sci. Soc. Proc. 37:242 and Alabama Pests and Pesticides Conf. Proc. 1984.

Research Bulletins

- Kuhns, M.R. and P.M. Minogue. 1984. Second year results of Roundup applications in the Virginia Piedmont for pine release. Auburn University.