

2005-2006 Western Kentucky University Bowling Green, KY
Graduate Research Associate

- Primary Research- Examine various aspects of asexual propagation of four cultivars of *Vaccinium corymbosum*, including the use of hormones and location of cuttings with regards to time. Investigate weed management in an established orchard of *Vaccinium corymbosum* 'Bluejay' (highbush blueberry) in South Central Kentucky.

2003-2004 The Home Depot Bowling Green, KY
Sales Associate

- Maintain all plant material, sales, and customer recommendations.

2003-2004 Western Kentucky University Bowling Green, KY
Research Associate

- Take soil samples, forage samples, establish plots, etc. for a study which entailed evaluating poultry litter utilized in an agronomic system.

2003-2004 Western Kentucky University Bowling Green, KY
Greenhouse Technician

2000-2003 Royal Lawn Care Bowling Green, KY
Lawn and Landscape Technician

1996-2000 Johnnie's Landscaping Henderson, KY
Lawn and Landscape Technician

ORGANIZATIONS AND COMMITTEES

2007-2009 The Ohio State University Columbus, OH
Council of Graduate Student

2007-2010 The Ohio State University Columbus, OH
Horticulture and Crop Science Graduate Research Retreat (Chair 2008)

2002-2004 Western Kentucky University Bowling Green, KY

EXTRACURRICULAR ACTIVITIES

2008-2010 The Ohio State University Columbus, OH
Graduate Weeds Team

AWARDS

2006 Kentucky Academy of Science Morehead, KY
3rd Place Graduate Presentation Competition

TEACHING EXPERIENCE

2012 Purdue University Hort 420
Ornamental Plant Production *Co-instructor*

2008 The Ohio State University HCS 200
The Science of Growing Plants *Teaching Assistant*

2008 The Ohio State University HCS 300
General Plant Biology *Teaching Assistant*

2007 The Ohio State University HCS 200
The Science of Growing Plants *Instructor*

2007 The Ohio State University HCS 200
The Science of Growing Plants *Teaching Assistant*

2006 Western Kentucky University Agri 101
The Science of Agriculture *Teaching Assistant*

PROFESSIONAL ORGANIZATIONS

Pi Alpha Xi
Gamma Sigma Delta

PUBLISHED ABSTRACTS AND PROCEEDINGS

1. Daniel, K., Mathers, H.M., and Case, L.T. 2008. Evaluation of glyphosate and bottom heat on nursery tree hardiness. Proceedings of the Ohio Agricultural Research Development Center Annual Meeting.
2. Mathers, H. M., L.T. Case, U.R. Somireddy, K.M. Daniel, and J. Parrish. 2009. New herbicide and mulch combination products. Northeastern Weed Science Society Proceedings. Vol. 63: Northeastern Weed Science Society: 26.
3. Daniel, K., H.M. Mathers, and L.T. Case. 2009. Effect of postemergent herbicide on sucker removal / injury of field tree liners. HortScience. Vol. 44, no. 4: American Society for Horticultural Science: 2158.
4. Case, L. T., H.M. Mathers, K.M. Daniel, U.R. Somireddy, and D. Rivera. 2009. Weed control trials on selected ornamentals at the Ohio State University. HortScience. Vol. 44, no. 4: American Society for Horticultural Science: 1531.
5. Somireddy, U.R., H.M. Mathers, L.T. Case, and K.M. Daniel. 2009. Field evaluation of herbicide and mulch combinations for weed control efficacy. HortScience. Vol. 44, no. 4: American Society for Horticultural Science: 2294.
6. Daniel, K.M., H.M. Mathers, and L.T. Case. 2008. Evaluation of glyphosate and bottom heat on nursery tree hardiness. Proceedings of the 2008 International Plant Propagators Society.
7. Daniel, K., H.M. Mathers, L.T. Case, and U.R. Somireddy. 2008. Effect of herbicides and grass/groundcover on cold hardiness of nursery field liners. Proceedings of the 2008 International Plant Propagators Society.
8. Case, L.T., H.M. Mathers, and K.M. Daniel. 2008. Effect of preemergent herbicides on cold hardiness of nursery tree liners. Southern Nurserymen's Association. SNA Research Conference Vol. 53 2008.
9. Daniel, K.M., H.M. Mathers, and L.T. Case. 2008. Evaluation of glyphosate and bottom heat on nursery tree hardiness. Southern Nurserymen's Association. SNA Research Conference Vol. 53 2008.
10. Daniel, K.M., H.M. Mathers, L.T. Case, and U.R. Somireddy. 2008. effect of herbicides and grass/groundcover on cold hardiness of nursery field liners. American Society for Horticultural Science. HortScience 43 (4). pp. 1252.

11. Daniel, K.M., H.M. Mathers, and L.T. Case. 2007. Bark cracking. American Society for Horticultural Science. HortScience 42(4):876
12. Daniel, K.M., and M. Stone. 2006. Asexual propagation of 4 cultivars of *Vaccinium corymbosom*. Proceedings of the 2006 Kentucky Academy of Science.
13. Daniel, K.M., and M. Stone. 2006. Weed control of *Vaccinium corymbosum*. Proceedings of the 2006 Kentucky Academy of Science.

BULLENTINS AND TECHNICAL REPORTS

1. Mathers, H.M., L.T. Case, K.M. Daniel, L. Sage, and D. Rivera. 2010. Yearly research summary report 2010. Ornamental Research. Columbus, OH, USA: The Ohio State University, Department of Horticulture and Crop Science.
2. Mathers, H., L.T. Case, K.M. Daniel, M. Bigger, and P. Gordon. 2011. Yearly research summary report 2011. Ornamental Research. Columbus, OH, USA: College of Food, Agricultural, and Environmental Sciences.
3. Mathers, H. M., L.T. Case, K.M. Daniel, U.R. Somireddy, D. Rivera. and J. Parrish. 2009. Yearly research summary report 2009. Ornamental Research. Pp. 1-50. Columbus, OH, USA: The Ohio State University, Department of Horticulture and Crop Science.
4. Mathers, H.M., L.T. Case, K.M. Daniel, U.R. Somireddy, and D. Rivera. 2008. Yearly research summary report 2008. Ornamental Research. Columbus, OH, USA: College of Food, Agricultural, and Environmental Sciences.
5. Mathers, H.M., L.T. Case, K.M. Daniel, U.R. Somireddy, and D. Rivera. 2007. Yearly research summary report 2007. Ornamental Research. Columbus, OH, USA: College of Food, Agricultural, and Environmental Sciences.

TRADE ARTICLES

1. Daniel, K.M. 2012. Purdue perspectives. Indiana Nursery and Landscape News. Vol. 72. Issue 6. Ppg. 6.
2. Daniel, K.M. 2012. Weather effects on plants 2012: Part 1. Indiana Nursery and Landscape News. Vol. 72 Issue 5. Pgs. 26-28.
3. Daniel, K.M. 2012. Construction damage in the landscape. Purdue Plant and Pest Diagnostic Laboratory: Picture of the Weed. www.ppd.l.purdue.edu/PPDL/weedlypics/10-1-12. Last accessed October 10, 2012.
4. Patton, A.J. and K.M. Daniel. 2012. Yellow nutsedge control in turf and ornamentals. Indiana Nursery and Landscape News. Vol. 72 Issue 4. Pgs. 20-23.
5. Mathers, H. M., L.T. Case, and R. Zondag. 2010. Container grown ornamentals: Experimental slow-release formulations. Buckeye. Vol. 21(7):24-27. ONLA.
6. Mathers, H.M., K.M. Daniel, and N. Taylor. 2010. Current knowledge of causes and influences of bark cracking: Part 1. Bark type. Buckeye. Vol. 21(1):15-17. ONLA.
7. Mathers, H. M., K.M. Daniel, and N. Taylor. 2010. Current knowledge of causes and influences of bark cracking: Part 2. Bark injuries. Buckeye. Vol. 21(2):17-18. ONLA.
8. Mathers, H. M., K.M. Daniel, and N. Taylor. 2010. Current knowledge of causes and influences of bark cracking: Part 3. Wounding. Buckeye. Vol. 21(3):25-27. ONLA.
9. Mathers, H. M., K.M. Daniel, and N. Taylor. 2010. Current knowledge of causes and influences of bark cracking: Part 4. Position, sucker removal, caliper, tree guards. Buckeye. Vol. 21(4):23-26. ONLA.
10. Mathers, H.M., L.T. Case, R. Zondag, and K.M. Daniel. 2010. A new look at fertilizer guidelines. Nursery Management & Production. Vol. 26(6): 26, 29-30, 32.

PRESENTATIONS

1. 10/3/2012. Production utilizing air root pruning. 2012 Indiana Flower Growers Association 30th Annual Meeting. West Lafayette, IN.
2. 7/17/2012. Controlling weeds around trees. 2012 MRTF Turf Field Day. West Lafayette, IN.
3. 2/22/2012. Your trees on crack: Causes of bark splitting. 2012 Ontario Fruit and Vegetable Convention. Niagara Falls, ON.
4. 1/22/2012. Weed Control Workshop. 2012 Central Environmental Nursery Trade Show and Short Course. Columbus, OH.
5. 1/5/2012. Glyphosate damage in woody plants. 2012 Kentucky Fruit and Vegetable Conference. Lexington, KY.
6. 9/25/2011. Effects of various planting depths and root disturbances on four commonly grown nursery trees. American Society for Horticultural Science. Waikoloa, Hawaii.
7. 2011. Trial report at Northland Farms. Michigan State University. MSUE Bus Tour of Weed Research Trials, West Olive, MI.
8. 2011. Trials at BFN. Michigan State University. MSUE Bus Tour of Weed Research Trials, Grand Haven, MI.
9. 2011. Glyphosate damage in woody plants. West Michigan Weed Workshop. West Olive, MI.
10. 2011. Glyphosate damage in woody plants. East Michigan Weed Workshop. Ann Arbor, MI.
11. 2010. Field fertilizer trials summary 2009-2010, Ontario and Ohio. 9th Joint Ohio State University and Ohio Nursery and Landscape Association Research Day, Columbus, OH.
12. 2010. Field fertilizer trials summary 2009-2010, Ontario and Ohio. Vineland Research and Innovation Centre, 3rd Joint VRIC, Guelph University, Landscape Ontario Horticultural Trades Association Research Day. Vineland, ON.
13. 2010. Glyphosate damage in woody plants. University of Kentucky Nursery Crops IPM Diagnostics Workshop. Bedford, KY.

14. 2010. Glyphosate damage in woody plants. Green Industry IPM Program. Columbia, MD.
15. 2009. Summary of glyphosate and bark cracking. 8th Joint Ohio State University and Ohio Nursery and Landscape Association Research Day, Columbus, OH.
16. 2009. Summary of glyphosate and bark cracking. Vineland Research and Innovation Centre, 2nd Joint VRIC, Guelph University, Landscape Ontario Horticultural Trades Association Research Day. Vineland, ON.
17. 2009. Effect of herbicides and grass/groundcover on cold hardiness of field grown nursery stock. American Society for Horticultural Science. St. Louis, MO.
18. 2009. Evaluation of glyphosate and bottom heat on nursery tree hardiness. Northeast Weed Science Society. Baltimore, MD.
19. 2009. Tackling Bark cracking. Ohio Nursery and Landscape Association/Central Environmental Nursery Trade Show. Columbus, OH.
20. 2008. Evaluation of glyphosate and bottom heat on nursery tree hardiness. Southern Nurserymen's Association. Atlanta, GA.
21. 2008. Effect of herbicides and grass/groundcover on cold hardiness of nursery field liners. American Society for Horticultural Science. Orlando, FL.
22. 2008. Evaluation of the influence of postemergence herbicides and fertility in nursery tree bark cracking. 7th Joint Ohio State University and Ohio Nursery and Landscape Association Research Day, Columbus, OH.
23. 2007. Bark cracking. American Society for Horticultural Science. Scottsdale, AZ.
24. 2006. Asexual propagation of 4 cultivars of *Vaccinium corymbosum*. Kentucky Academy of Science. Morehead, KY.
25. 2006. Weed control of *Vaccinium corymbosum*. Kentucky Academy of Science. Morehead, KY.

