

Last Updated: December 20, 2010

Outline:

- [1. Contact Information](#)
- [2. Educational Background](#)
- [3. Professional Work Experience](#)
- [4. Service Activities and Professional Memberships](#)
- [5. Honors, Awards, and Honor Societies](#)
- [6. Refereed Publications](#)
- [7. Non-Refereed Publications](#)
 - [- Extension and Industry Trade Publications](#)
 - [- Online Research Reports](#)
- [8. Presentations \(Includes Proceedings / Abstracts\)](#)
 - [- Conferences, Workshops, and Grower Meetings](#)
 - [- Multi-Year Presentations](#)
 - [- Seminars](#)
- [9. Teaching Experience](#)
- [10. Professional Training and Workshops](#)
- [11. Grantsmanship](#)
- [12. Miscellaneous Publicity and Impacts / Service to Stakeholders](#)
- [13. Computer Experience](#)
- [14. Laboratory and Field Equipment Experience](#)

Curriculum Vitae Jason Bradley Oliver



1. CONTACT INFORMATION:

[Tennessee State University](#)
[School of Agriculture and Consumer Sciences](#)
Otis L. Floyd Nursery Research Center
472 Cadillac Lane, McMinnville, TN 37110
Phone: (931) 668-3572; Mobile: (931) 808-8210
Fax: (931) 668-3134
Email: joliver@tnstate.edu or jasoliver@blomand.net

2. EDUCATIONAL BACKGROUND

Ph.D. Entomology. August 13, 1999. Auburn University. Auburn, AL.

Dissertation Title: Weed host and parasitoid interactions of the bandedwinged whitefly (*Trialeurodes abutilonea* [Haldeman]) in the cotton agroecosystem. (225 pages).
GPA: 3.93/4.00.

M.S. Entomology. May 11, 1990. The University of Tennessee. Knoxville, TN.
Thesis Title: Effect of endophyte-infected tall fescue on the Japanese beetle and other selected soil insects. (87 pages). GPA: 3.96/4.00.

B.S. Wildlife and Fisheries Science (Minor Zoology). December 11, 1987. The University of Tennessee, Knoxville, TN. GPA: 3.37/4.00.

3. PROFESSIONAL WORK EXPERIENCE

February 1, 2010 to Present

RESEARCH / EXTENSION ASSOCIATE PROFESSOR (80/20%) - Tennessee State University, School of Agriculture and Consumer Sciences, TSU Otis L. Floyd Nursery Res. Center, McMinnville, TN. Supervisor: Dr. Nick Gawel

*Duties: Direction of the Entomology Program at the Nursery Res. Center, including supervision of a research technician and laboratory assistants, design and implementation of experimental field research, collection and analysis of data, summarization of results for publication, presentation, and reports, procurement of research funds, administration of project budgets, and extension technology transfer to stakeholders. My research focus has been the integrated management of fire ants and Japanese beetle by chemical, cultural, and biological methods with emphasis on developing effective nursery plant quarantine treatments. Other research areas include biology, chemical management, and trap development for flatheaded borers, scolytid borers. and leafhoppers.

October 1, 2008 to February 1, 2010

RESEARCH ASSOCIATE PROFESSOR - Tennessee State University, School of Agriculture and Consumer Sciences, TSU Otis L. Floyd Nursery Res. Center, McMinnville, TN.

Supervisor: Dr. Nick Gawel

*Duties: Same as Research / Extension Associate Professor, with the exception of less extension activity.

July 2002 to October 1, 2008

RESEARCH ASSISTANT PROFESSOR - Tennessee State University, School of Agriculture and Consumer Sciences (initially Institute Agric. Environ. Res.), TSU Otis L. Floyd Nursery Res. Center, McMinnville, TN. Supervisor: Dr. Nick Gawel

*Duties: Same as Research Associate Professor described above.

March 2008 to Present

ADJUNCT FACULTY MEMBER - University of Tennessee, Institute of Agriculture, Department of Entomology and Plant Pathology, Knoxville, TN.

January 2001 to July 2002

ASSOCIATE INVESTIGATOR - Tennessee State University, Cooperative Agric. Res. Program, TSU Otis L. Floyd Nursery Res. Center, McMinnville, TN. Supervisor: Dr. Nick Gawel.

*Duties: Same as Research Associate Professor described above.

March 1997- January 2001

RESEARCH ASSOCIATE - Tennessee State University, Cooperative Agric. Res. Program, TSU Otis L. Floyd Nursery Res. Center, McMinnville, TN. Supervisor: Dr. Catharine Mannion.

*Duties: Research support for Entomology Program, including 1) management of the ambrosia beetle research program, 2) supervision of laboratory assistants, 3) execution, evaluation, analysis, and summarization of laboratory/field research trials directed against nursery pests, 4) propagation of Japanese beetle, parasitoids, entomopathogenic nematodes, and *Galleria mellonella*, 5) survey and taxonomic analysis of pitfall and trapping programs, and 6) damage assessments of nursery stock.

1992-1997

DOCTORAL GRADUATE RESEACH ASSISTANT - Auburn Univ., Auburn, AL. Department of Entomology. Major Professor: Dr. Michael J. Gaylor.

*Duties: Research on biological control of the bandedwinged whitefly and effects of weed hosts on whitefly bionomics and parasitoid interactions in field cotton. Research involved identification of whitefly weed hosts, rearing and identification of whitefly parasitoids, and evaluation of weed host influence on whitefly populations in cotton. The study found twenty-six weed hosts of bandedwinged whitefly in the cotton agro-ecosystem, whitefly development rates were greater on weeds like cocklebur than cotton, nine parasitoid species were identified, and parasitism rates varied depending on host plant. A technique was developed to identify parasitized whitefly nymphs and a novel genus and species of entomopathogenic fungus was collected during the study. Other responsibilities included supervision of research assistants, research planning, data collection, analysis, and summary, preparation of scientific results for publication and presentation, and coursework.

1991-1992

ASSOCIATE BIOLOGIST, Jaycor, Inc., Environmental Division/The Oak Ridge National Laboratory, Oak Ridge, TN. Supervisor: Dr. John Smith.

*Duties: Identification and enumeration of benthic macro-invertebrate samples for environmental stream assessment program of the U.S. Department of Energy. Training included proper handling of benthic specimens from radioactive and mercury contaminated stream sediment.

Fall 1990

RESEARCH ASSISTANT - The University of Tennessee, Knoxville, TN. Department of Entomology and Plant Pathology. Supervisor: Dr. Charles D. Pless.

*Duties: Interim position before starting Associate Biologist position. Duties included continuation and summarization of Master's research described below under Master's Graduate Research Assistant.

Summer 1990

PLANT PROTECTION QUARANTINE AID, GS-3 Step 1. USDA. Animal, Plant Health Inspection Service, Knoxville, TN.

*Duties: Placement and monitoring of gypsy moth traps as part of a trapping program for Sevier County, Tennessee.

1988-1990

MASTERS GRADUATE RESEARCH ASSISTANT - The University of Tennessee, Knoxville, TN. Department of Entomology and Plant Pathology. Major Professor: Dr. Charles D. Pless.

*Duties: Research on tall fescue/fungal endophyte symbiosis and the interaction with larval Japanese beetle and other soil-inhabiting arthropods. Duties included supervision of research assistants, research planning, data collection, analysis, and summary, preparation of scientific results for publication and presentation, and coursework. Studies found evidence of reduced first instar Japanese beetle survival in association with endophyte-infected fescue, as well as endophyte impacts on sminthurid springtails.

1986-1988

STUDENT ASSISTANT - The University of Tennessee, Knoxville, TN. Department of Zoology, Arachnology Laboratory. Supervisor: Dr. Susan Riechert

*Duties: Responsible for feeding and watering of experimental funnel-web spider colonies. During summer months, maintained research garden plots, performed insect/arachnid surveys, operated pitfall traps, and assisted with spider mark-recapture studies.

4. SERVICE ACTIVITIES AND PROFESSIONAL MEMBERSHIPS

Tennessee State University

Tennessee State University Academic Master Plan Year One Implementation.
Work Group for Enhancement of the Travel Procedures. (Apr. 2009 - June 2009)

School of Agriculture and Consumer Sciences - (2008 to present)

Committees:

Search Committee Chair, Post Doctoral Research Associate - Entomology, School of Agriculture and Consumer Sciences. (April 2010 to November 2010).

Search Committee Member, Extension Assistant Professor of Agronomy / Soil Science, School of Agriculture and Consumer Sciences. (November 2009 to February 2010).

Agricultural Research and Education Center Committee (Jan. 2009)

Service:

Ag-Week. Preparation of entomology demonstration for high school student tours during 2009 and 2010.

Institute for Agricultural and Environmental Research - (2002 – 2008)

Environmental Protection and Enhancement Team (2002 – 2008)

Safety and Lab Space Utilization Committee Member (1/2008 – 1/2009)

Space Utilization Committee (1/2004 – 1/2007)

Technology Committee (1/2005 – 1/2007)

Public Affairs and Hospitality Committee (2004 – 2005)

Welcoming Committee (2003 – 2004)

Employment Search Committees: 3 Faculty, 5 Post-Doctoral (2 chair),
4 Research Associate (1 chair), 4 Administrative Assistants, Outside
Member for USDA-ARS (1 time)

[National Plant Board - U.S. Domestic Japanese Beetle Harmonization Plan](#)

[Japanese Beetle Regulatory Treatment Review Committee](#) - Research

Representative (2004 – 2009)

[North Carolina Agromedicine](#) and [Southern Coastal Agromedicine Center](#)

[Member Internal Advisory Committee](#) (2007 - 2009)

[Southern Nursery Association](#)

Entomology Proceeding Editor and Section Moderator (2002 – 2004)

Tennessee Fire Ant Research and Education Team (FARET) - Core Team Member

[University of Tennessee - FARET Extension](#)

[Tennessee Department of Agriculture - Imported Fire Ant Information Website](#)

[Tennessee Entomological Society](#)

President (2003 – 2004) / President Elect (2002 – 2003)

Constitution Committee (2003 - 2004)

Prediction and Evaluation Committee (2003 – 2004)

Program Committee (2002 – 2004; Chair 2003)

USDA-APHIS Emerald Ash Borer Meeting, Port Huron, MI
Moderator: Survey Session (2003).

[Association of Research Directors, Inc. - Biennial Research Symposium, Atlanta, GA](#)

Moderator: New and Emerging Technologies Session (2003)
Student Poster Judge (2006 and 2009 Meetings)

[Entomological Society of America](#)

Student poster judge: National Meeting, Indianapolis, IN (2009)
Auburn University Linnaean Team (1993 – 1996)
Registration and audio-visual volunteer: National Meeting, Nashville, TN (1997)
Moderator: Southeastern Branch Contributed Papers Session, Mobile, AL (2000)
Southeastern Branch program preparation assistant (1999 and 2000)
Journal Reviewer: Journal of Economic Entomology, Environmental Entomology

[Georgia Entomological Society](#)

[Middle Tennessee Nursery Association](#)

[Tennessee Nursery and Landscape](#)

Education Committee (2004 – 2005)

Auburn Entomology Student Newsletter (Editor, Spring 1995)

[Alpha Gamma Rho Agriculture Fraternity - Alpha Kappa Chapter](#)

Scholarship Chairman (1986, 1987)

Entomology and Plant Pathology Club, The University of Tennessee (Treasurer, 1988)

Entomology Representative to Auburn University Ag-Roundup (1992, 1995, 1996)

F.S. Arant Entomology Club, Auburn University (Acting Vice President, Fall 1995)

Other Reviewer Service: Journal Entomological Science, Florida Entomologist, Bulletin of
Entomological Research, USDA-ARS Reader, Pesticide labels for various chemical companies
Canadian Journal of Forest Research

5. HONORS, AWARDS, AND HONOR SOCIETIES

Outstanding Research Faculty Award, Tennessee State University, School of Agriculture and Consumer Sciences, 9 April 2010.

Oliver, J.B. Nominated Southeastern Branch of Entomological Society of America Distinguished Achievement Award in Regulatory Entomology. (by Dr. Jerome Grant and Dr. Kevin Moulton, University of Tennessee). 2008.

Oliver, J.B. Nominated Southeastern Branch of Entomological Society of America Distinguished Achievement Award in Regulatory Entomology. (by Dr. Karen Vail, University of Tennessee). 27 August 2007.

Oliver, J.B. 10-Year Service Award. Tennessee State University 15th Annual Awards Celebration. 17 April 2007. Nashville, TN.

Tennessee State University Blue & White All Star Academy Awards. Certificate of Recognition Excellence in University Service. IAgER Fire Ant Research Program. 6 May 2006. Nashville, TN.

Invited Speaker Honorarium (\$200). Oliver, J.B. 2002. Quarantine pests: Fire ants, Japanese beetle, and the nursery industry. Presentation: Bayer Professional Care, Centers of Influence for Turf and Ornamental Entomologists, 4-7 June 2002. Atlanta, GA.

ALCOA Merit Scholarship - The University of Tennessee (1985 – 1987)

[Alpha Zeta Agriculture Honor Society - Morgan Chapter \(Vice President, 1986\)](#)

[Gamma Sigma Delta Honor Society of Agriculture](#)

The Honor Society of Phi Kappa Phi

Xi Sigma Pi Forestry Honor Society

National Honor Society of Secondary Schools

Best Student Paper (\$50). Oliver, J.B. and C.D. Pless. 1988. Endophyte presence in tall fescue and its effects on Japanese beetle and other grub and wireworm species. 16th Annual Meeting Tennessee Entomol. Soc. Nashville, TN.

6. REFEREED PUBLICATIONS

Oliver, J.B., D.C. Fare, N. Youssef, S.S. Scholl, M.E. Reding, C.M. Ranger, J.J. Moyseenko, and M.A. Halcomb. 2010. Evaluation of a single application of neonicotinoid and multi-application contact insecticides for flatheaded borer management in field grown red maple cultivars. *J. Environ. Hort.* 28(3): 135-149.

Reding, M., **J. Oliver**, P. Schultz, and C. Ranger. 2010. Monitoring ambrosia beetles in ornamental nurseries in Ohio, Tennessee, and Virginia: Influence of trap height. *J. Environ. Hort.* 28 (2): 85-90.

- Youssef, N.N., **J.B. Oliver**, M.E. Reding, C.M. Ranger, J.J. Moyseenko, and M.G. Klein. 2009. Field evaluation of plant-derived essential oils as potential repellents of adult Japanese beetle (Coleoptera: Scarabaeidae). *J. Econ. Entomol.* 102(4): 1551-1558. [Free PDF](#)
- Oliver, J.B.**, R.K. Vander Meer, S.A. Ochieng, N.N. Youssef, E. Pantaleoni, F.A. Mrema, K.M. Vail, P.J. Parkman, S.M. Valles, W.G. Haun, and S. Powell. 2009. Survey of imported fire ant populations in Tennessee. *J. Entomol. Science.* 44(2): 1-9.
- Oliver, J.B.**, M.E. Reding, N.N. Youssef, M.G. Klein, B. Bishop, and P. Lewis. 2009. Surface-applied insecticide treatments for elimination of larval Japanese beetle (Coleoptera: Scarabaeidae) from field-grown nursery plants. *Pest Management Science.* 65(4): 381-390. [Abstract and PDF Purchase Site.](#)
- Ranger, C.M., M.E. Reding, **J.B. Oliver**, J.J. Moyseenko, and N.N. Youssef. 2009. Toxicity of botanical formulations to nursery-infesting white grubs (Coleoptera: Scarabaeidae). *J. Econ. Entomol.* 102: 304-308. [PDF Purchase Location.](#)
- Oliver, J.B.**, D.C. Fare, N. Youssef, M.A. Halcomb, M.E. Reding, and C.M. Ranger. 2009. Evaluation of systemic insecticides for potato leafhopper control in field-grown red maple. *J. Environ. Hort.* 27: 17-23. [Free PDF](#)
- Francese, J.A., **J.B. Oliver**, I. Fraser, D.R. Lance, N. Youssef, A.J. Sawyer, and V.C. Mastro. 2008. Influence of trap placement and design on capture of the emerald ash borer (Coleoptera: Buprestidae). *J. Econ. Entomol.* 101 (6): 1831-1837. [Free PDF](#)
- Oliver, J.B.**, M.E. Reding, S.O. Dennis, J.J. Moyseenko, N.N. Youssef, M.G. Klein, A.A. Callcott, S.S. James, L.R. McAnally, and B.L. Bishop. 2008. Drench treatments for management of larval Japanese beetle (Coleoptera: Scarabaeidae) in field-grown balled and burlapped nursery plants. *J. Econ. Entomol.* 101 (4): 1158-1166. [Free PDF](#)
- Oliver, J.B.**, M.E. Reding, M.G. Klein, N.N. Youssef, C.M. Mannion, B. Bishop, S.S. James, and A. Callcott. 2007. Chlorpyrifos immersion to eliminate third instars of Japanese beetle (Coleoptera: Scarabaeidae) in balled and burlapped trees and subsequent treatment effects on red maple. *J. Econ. Entomol.* 100 (2): 307-314. [Free PDF](#)
- Mmbaga, M.T. and **J.B. Oliver**. 2007. Effect of biopesticides on foliar diseases and Japanese beetle (*Popillia japonica*) in roses (*Rosa* spp.), oakleaf hydrangea (*Hydrangea quercifolia*) and crape myrtle (*Lagerstroemia indica*) *Arboriculture and Urban Forestry.* 33: 210-219.
- Valles, S.M., C.A. Strong, D.H. Oi, S.D. Porter, R.M. Pereira, R.K. Vander Meer, Y. Hashimoto, L.M. Hooper-Bùi, H. Sánchez-Arroyo, T. Davis, V. Karpakakunjaram, K.M. Vail, L.C. "Fudd" Graham, J.A. Briano, L.A. Calcaterra, L.E. Gilbert, R. Ward, K. Ward, **J.B. Oliver**, G. Taniguchi, and D.C. Thompson. 2007. Phenology, distribution, and host specificity of *Solenopsis invicta* virus. *J. Invert. Path.* 96: 18-27.

Oliver, J.B., M.E. Reding, J.J. Moyseenko, M.G. Klein, C.M. Mannion, B. Bishop. 2006. Survival of adult *Tiphia vernalis* (Hymenoptera: Tiphidae) after insecticide, fungicide, and herbicide exposure in laboratory bioassays. J. Econ Entomol. 99 (2): 288-294. [Free PDF](#)

Vogt, J.T. and **J.B. Oliver**. 2006. Distribution and size of imported fire ant (Hymenoptera: Formicidae) mounds in recently invaded ball-and-burlap nurseries in Tennessee. J. Entomol. Sci. 41: 385-393.

Oliver, J.B., C. Mannion, M. Klein, and J. Moyseenko. 2005. Effect of insecticides on *Tiphia vernalis* (Hymenoptera: Tiphidae) oviposition and survival of progeny to cocoon stage when parasitizing *Popillia japonica* (Coleoptera: Scarabaeidae) larvae. J. Econ. Entomol. 98 (3): 694-703. [Free PDF](#)

Francese, J.A., V.C. Mastro, **J.B. Oliver**, D.R. Lance, S.G. Lavalley, and N. Youssef. 2004. Evaluation of colors for trapping *Agrilus planipennis* (Coleoptera: Buprestidae). J. Entomol. Sci. Note. 40: 94-96.

Oliver, J.B. and C.M. Mannion. 2001. Ambrosia beetle (Coleoptera: Scolytidae) species attacking chestnut and captured in ethanol-baited traps in Middle Tennessee. Environ. Entomol. 30 (5): 909-918. [Free PDF](#)

Oliver, J.B. and M.J. Gaylor. 2001. Technique for the collection of adult parasitoids and detection of parasitoids in fourth-instar bandedwinged whitefly (Homoptera: Aleyrodidae). J. Entomol. Sci. Note. 36: 97-100.

Mannion, C.M., W. McLane, M.G. Klein, J. Moyseenko, **J.B. Oliver**, and D. Cowan. 2001. Management of early-instar Japanese beetle (Coleoptera: Scarabaeidae) in field-grown nursery crops. J. Econ. Entomol. 94 (5): 1151-1161. [Free PDF](#)

Steinkraus, D.C., **J.B. Oliver**, R.A. Humber, and M.J. Gaylor. 1998. Mycosis of bandedwinged whitefly (*Trialeurodes abutilonea*) (Homoptera: Aleyrodidae) caused by *Orthomyces aleyrodis* gen. & sp. nov. (Entomophthorales: Entomophthoraceae). J. Invert. Path. 72: 1-8. (Selected as feature cover article).

7. NON-REFEREED PUBLICATIONS

Extension, Industry and Other Publications

Hale, F., B. Klingeman, A. Windham, G. Haun, S. Powell, **J. Oliver**, A. Self, M. Windham, J. Grant, and E. Long. 2010. Pests in the spotlight - walnut twig beetle and thousand cankers disease of black walnut. Tenn. Greentimes. Submitted.

Oliver, J.B., N. Youssef, J. Basham, K. Copley, M. Halcomb, F. Hale, and W. Haun. 2010. The camphor shot borer - Tennessee's new invasive ambrosia beetle. Tenn. Greentimes. 11(3): 8-11.

Oliver, J.B., N. Youssef, C. Ranger, M. Reding, and P. Schultz. 2010. Promising biopesticides for protecting trees from ambrosia beetles. Factsheet prepared for educational session "Using biopesticides to control diseases and insect pests in ornamental plants" at the Tennessee State University School of Agriculture & Consumer Sciences, Poinsettia Open House, 17 Dec. 2010, Nashville, TN.

Mmbaga, M.T. and **J. Oliver**. 2010. Biopesticide tests on roses to prevent Japanese beetle damage. Factsheet prepared for educational session "Using biopesticides to control diseases and insect pests in ornamental plants" at the Tennessee State University School of Agriculture & Consumer Sciences, Poinsettia Open House, 17 Dec. 2010, Nashville, TN.

Ranger, C.M., M. Reding, **J. Oliver**, J. Moyseenko, and N. Youssef. 2010. Toxicity of biopesticides to different white grub species. Factsheet prepared for educational session "Using biopesticides to control diseases and insect pests in ornamental plants" at the Tennessee State University School of Agriculture & Consumer Sciences, Poinsettia Open House, 17 Dec. 2010, Nashville, TN.

Vail, K. and **J. Oliver**. 2010. Managing fire ants in and around Tennessee's schools. The University of Tennessee Institute of Agriculture Extension and Tennessee State University School of Agriculture and Consumer Sciences. Department of Agricultural Sciences. ([Weblink](#)).

Halcomb, M., F. Hale, D. Fare, and **J. Oliver**. 2010. Borer control in nursery grown dogwood, ash, maple and oak trees. The University of Tennessee Institute of Agriculture Extension and Tennessee State University School of Agriculture and Consumer Sciences, Department of Agricultural Sciences. April 2010. ([Weblink](#)).

Oliver, J.B., S. Ochieng, M. Halcomb, and N. Youssef. 2009. Imported fire ant control in production nurseries using baits. Tennessee State University School of Agriculture and Consumer Sciences, Department of Agricultural Sciences and The University of Tennessee Institute of Agriculture Extension. 14 June 2010. Publication No. TSU-10-0034(A)-3-61065. ([Weblink](#))

Halcomb, M. and **J. Oliver**. 2009. Vicon spreader calibration steps for fire ant bait and granular chlorpyrifos. The University of Tennessee Institute of Agriculture Extension and Tennessee State University School of Agriculture and Consumer Sciences, Department of Agricultural Sciences. 19 November 2009. ([Weblink](#)).

Oliver, J.B., S.A. Ochieng, and W.G. Haun. 2009. Update on new and anticipated nursery treatments for Japanese beetle and imported fire ants. Tennessee Green Times. 10 (1): 16-17.

Oliver, J., N. Youssef, F. Hale, and M. Halcomb. 2005. The Asian ambrosia beetle – managing a little pest with a big bite. Tennessee Green Times. 6: 16-19.

Popenoe, J. 2005. Borers. Production Times. Univ. Florida IFAS Extension. 12: 2-3. (**Asian ambrosia beetle decision tree from my 2005 Green Times 6: 16-19 article republished in this article with my permission. I am cited in the article**).

Unauthored. 2005. Purple silhouette traps. Conference Notes of The IPM Practitioner. Berkeley, CA. 3: 12. (Research proceeding written for 2004 Emerald Ash Borer Research Conference was reprinted in this publication).

Oliver, J.B. 2004. Container insect pests: soil-borne and trunk attacking. Presented to the USDA Commodity Profile and Pest Management Strategic Plan for the Southern Region Pest Management Center – Assessment of Pest Management Practices for Container Tree Production in USDA Hardiness Zones 6 – 8, 27-28 Sep. 2004. Biloxi, MS. (Oral Presentation and Written Crop Commodity Profile)

Halcomb, M. 2003. How to manage ambrosia beetles. Univ. Tenn. Agric. Ext. Serv. Factsheet. **Credited as source of written information in last paragraph of factsheet.**

Ketchersid, D., B. Klingeman, F. Hale, and **J. Oliver**. 2002. Pests in the spotlight – The whitefringed beetle: an overlooked pest of ornamentals plants. Tenn. Green Times. 3(3):18-21

Vail, K.M., D. Bailey, and **J. Oliver**. 2002. Granular fipronil significantly reduces a black imported fire ant population in Tennessee. Univ. Tenn. Entomol. & Plant Path. Info. 60: 5-6.

Klingeman, B., **J. Oliver**, and F. Hale. 2002. Trees in trauma: will the southern pine beetle outbreak ever end? Georgia Green Industry Assoc. Journal. June 2002: 47-48.

Klingeman, B., **J. Oliver**, and P. Flanagan. 2002. Managing whitefringed beetle grubs in Tennessee nursery field soils. Tenn. Green Times. 3(4): 28-31.

Klingeman, B., **J. Oliver**, and F. Hale. 2001. Who's doin' all that chewin'? the European hornet. Tenn. Green Times. 2(4):34-36.

Oliver, J.B., and C. M. Mannion. 2001. Ambrosia beetles attacking chestnut and captured in traps in middle Tennessee. Tenn. Green Times. 2(3):24-25.

Fare, D.C., C. Mannion, **J. Oliver**, and S. Mullican. 2001. Research update: flatheaded appletree borer infestations on newly planted maple liners. Tenn. Green Times. 2: 30-31.

Klingeman, B., **J.B. Oliver**, F. Hale. 2001. Pests in spotlight: trees in trauma: will the southern pine beetle outbreak ever end? Tenn. Green Times. 2: 20-21.

Oliver, J.B. 1996. CMC-10 for mounting chalcids. Chalcid Forum. 19:2. ([Weblink](#))

Online Research Reports (Note: website presently under USDA renovation)

Xikui, W., A. Callcott, L. McAnally, C. Hinton, **J. Oliver**, N. Youssef, M. Reding, and J. Moysenko. 2008. Alternative immersion treatments for balled-and-burlapped nursery stock for use in the IFA Quarantine, Tennessee, Fall 2007, pp. 11-14. In A. Callcott [ed.], 2008 Accomplishment Report Imported Fire Ant Section, U.S. Department of Agriculture. April 2009. Gulfport, MS. (Report)

Xikui, W., A. Callcott, L. McAnally, C. Hinton, **J. Oliver**, N. Youssef, M. Reding, and J. Moysenko. 2008. Alternative immersion treatments for balled-and-burlapped nursery stock for use in the IFA Quarantine, Tennessee, Fall 2008, pp. 15-22. In A. Callcott [ed.], 2008 Accomplishment Report Imported Fire Ant Section, U.S. Department of Agriculture. April 2009. Gulfport, MS. (Report)

Xikui, W., A. Callcott, C. Hinton, L. McAnally, **J. Oliver**, N. Youssef, M. Reding, and J. Moysenko. 2008. Alternative drench treatments for balled-and-burlapped nursery stock use in the IFA Quarantine, Tennessee, Fall 2007, pp. 23-29. In A. Callcott [ed.], 2008 Accomplishment Report Imported Fire Ant Section, U.S. Department of Agriculture. April 2009. Gulfport, MS. (Report)

Xikui, W., A. Callcott, C. Hinton, L. McAnally, **J. Oliver**, N. Youssef, M. Reding, and J. Moysenko. 2008. Alternative drench treatments for balled-and-burlapped nursery stock use in the IFA Quarantine, Tennessee, Spring and Fall 2008, pp. 34-40. In A. Callcott [ed.], 2008 Accomplishment Report Imported Fire Ant Section, U.S. Department of Agriculture. April 2009. Gulfport, MS. (Report)

Callcott, A. 2007. Summary of numerous dip/immersion trials for balled-and-burlapped nursery stock 2002 - 2007, pp. 5-9. In A. Callcott [ed.], 2007 Accomplishment Report Imported Fire Ant Section, U.S. Department of Agriculture. May 2008. Gulfport, MS. **Jason Oliver** listed as primary project leader in the body of the report. (Report)

James, S., L. McAnally, A. Callcott, J. Lamont, **J. Oliver**, S. Dennis, and N. Youssef. 2007. Alternative drench treatments for balled-and-burlapped nursery stock use in the IFA Quarantine, Spring 2005, pp. 19-25. In A. Callcott [ed.], 2006 Accomplishment Report Soil Inhabiting Pests Section, U.S. Department of Agriculture. February 2007. Gulfport, MS. ([Report](#))

Oliver, J.B., J. Francese, V. Mastro, I. Fraser, D. Lance, and N. Youssef. 2005. Studies to develop an emerald ash borer survey trap. Emerald Ash Borer Website: sponsored by USDA Forest Serv., Michigan Dept. Agric., Michigan Dept. Nat. Resources, USDA-APHIS, Michigan State Univ., Purdue Univ., and Ohio State. Univ. ([Report](#))

James, S., L. McAnally, A. Callcott, **J. Oliver**, S. Dennis, N. Youssef, M. Reding, and J. Moysenko. 2005. A1M04 Final Report: Alternative IFA Quarantine drench treatments for balled-and burlapped nursery stock, Fall 2003 and Spring 2004, pp. 18-28. In Anne-Marie Callcott [ed.], 2005 Accomplishment Report Soil Inhabiting Pests Section, USDA-APHIS, Gulfport, MS. ([Report](#))

James, S., L. McAnally, A. Callcott, J. Lamont, **J. Oliver**, S. Dennis, N. Youssef, M. Reding, and J. Moyseenko. 2005. A1M04 Interim Report: Alternative drench treatments for balled-and-burlapped nursery stock use in the IFA Quarantine, Fall 2004 and Spring 2005, pp. 29-39. In Anne-Marie Callcott [ed.], 2005 Accomplishment Report Soil Inhabiting Pests Section, USDA-APHIS, Gulfport, MS. [\(Report\)](#)

James, S., L. McAnally, A. Callcott, J. Lamont, S. Wade, **J. Oliver**, S. Dennis, N. Youssef, M. Reding, and J. Moyseenko. 2005. A1M04 Final Report: Alternative immersion treatments for balled-and-burlapped nursery stock for use in the IFA Quarantine, Mississippi and Tennessee 2003-2005, pp. 50-71. In Anne-Marie Callcott [ed.], 2005 Accomplishment Report Soil Inhabiting Pests Section, USDA-APHIS, Gulfport, MS. [\(Report\)](#)

James, S., A. Callcott, L. McAnally, J. Lamont, **J. Oliver**, N. Youssef, P. Parkman, T. Rashid, and K. Vail. 2005. A1M04 Interim Report: Development of alternative quarantine treatment for field grown nursery stock - in-field individual tree treatment, 2005 winter, pp. 72-79. In Anne-Marie Callcott [ed.], 2005 Accomplishment Report Soil Inhabiting Pests Section, USDA-APHIS, Gulfport, MS. [\(Report\)](#)

James, S., A. Callcott, L. McAnally, R. Weeks, **J. Oliver**, P. Parkman, T. Rashid, K. Vail, and N. Youssef. 2004. A1M04 Development of alternative quarantine treatment for field grown nursery stock - in-field individual tree treatment, 2004 (Winter/Spring), pp. 12-20. In Anne-Marie Callcott [ed.], 2004 Accomplishment Report Soil Inhabiting Pests Section, USDA-APHIS. November 2005. Gulfport, MS. [\(Report\)](#)

James, S., A.-M. Callcott, L. McAnally, T. Lockley, S. Wade, R. Weeks, **J. Oliver**, N. Youssef, and K. Vail. 2003. A1P04 Final Report: Development of alternative quarantine treatment for field grown nursery stock – individual in-field tree treatment, 2003 (winter/spring), pp. 24-34. In Anne-Marie Callcott [ed.], 2003 Accomplishment Report USDA-APHIS Soil Inhabiting Pests Laboratory, Gulfport, MS. [\(Report\)](#)

McAnally, L., S. James, **J. Oliver**, and N. Youssef. 2003. A1P04 Final Report: Alternative B&B immersion or drench treatments for use in IFA Quarantine, 2002, pp. 38-42. In Anne-Marie Callcott [ed.], 2003 Accomplishment Report USDA-APHIS Soil Inhabiting Pests Laboratory, Gulfport, MS. [\(Report\)](#)

McAnally, L., S. James, **J. Oliver**, N. Youssef, M. Klein, and J. Moyseenko. 2003. A1P04 Final Report: Alternative B&B immersion treatments for use in the IFA quarantine, Spring 2003, pp. 43-44. In Anne-Marie Callcott [ed.], 2003 Accomplishment Report USDA-APHIS Soil Inhabiting Pests Laboratory, Gulfport, MS. [\(Report\)](#)

James, S., L. McAnally, A.-M. Callcott, S. Wade, R. Weeks, and T. Lockley. 2003. A1P04 Final Report: Alternative B&B immersion or drench treatments for use in the IFA Quarantine, Mississippi and Tennessee, 2003, pp. 45-56. In Anne-Marie Callcott [ed.], 2003 Accomplishment Report USDA-APHIS Soil Inhabiting Pests Laboratory, Gulfport, MS. (Listed in report as the project cooperator). [\(Report\)](#)

Callcott, A., T. Lockley, L. McAnally, and S. Wade. Cooperator: **J. Oliver**. 2001. GPPS01-02 Final Report: Spot applications of granular insecticides for IFA quarantine treatments of nursery stock in Tennessee, pp. 38-43. In Anne-Marie Callcott [ed.], 2001 Accomplishment Report USDA-APHIS Soil Inhabiting Pests Laboratory, Gulfport, MS. [\(Report\)](#)

8. PRESENTATIONS (INCLUDES PROCEEDINGS / ABSTRACTS)

Conferences, Workshops, and Grower Meetings

Oliver, J.B., C.M. Ranger, M.E. Reding, P.B. Schultz, N.N. Youssef, and S.A. Ochieng. 2010. Comparison of different methods to assess seasonal and diurnal activity of ambrosia beetles (Coleoptera: Scolytinae). 2010 National Entomological Society Meeting. 12-15 Dec. 2010. San Diego, CA. (Poster Presentation)

Youssef, N.N., **J.B. Oliver**, and J.P. Basham. 2010. Evaluation of manuka and phoebe oil baited purple sticky traps for the capture of buprestids and cerambycids (Coleoptera) in middle Tennessee. 2010 National Entomological Society Meeting. 12-15 Dec. 2010. San Diego, CA. (Poster Presentation)

Reding, M., C. Ranger, **J. Oliver**, P. Schultz. 2010. Timing of ambrosia beetle attack activity monitored by ethanol-injected trees. 2010 National Entomological Society Meeting. 12-15 Dec. 2010. San Diego, CA. (Poster Presentation)

Schultz, P.B., **J. Oliver**, C. Ranger, and M. Reding. 2010. Evaluating crop methodologies for ambrosia beetle management in nurseries. 2010 National Entomological Society Meeting. 12-15 Dec. 2010. San Diego, CA. (Poster Presentation)

Ranger, C.M., M.E. Reding, P.B. Schultz, **J. Oliver**, J. Meneley, A. Persad, and S. Ochieng. 2010. Towards developing a push-pull management strategy for ambrosia beetles in ornamental nurseries. 2010 National Entomological Society Meeting. 12-15 Dec. 2010. San Diego, CA. (Poster Presentation)

Ranger, C.M., S. Ochieng, M.E. Reding, **J. Oliver**, and P.B. Schultz. 2010. Volatile emissions from ethanol-injected trap trees used for inducing attacks by ambrosia beetles. 2010 National Entomological Society Meeting. 12-15 Dec. 2010. San Diego, CA. (Poster Presentation)

Oliver, J.B., C.M. Ranger, M.E. Reding, P. Schultz, N. Youssef, and J. Moyseenko. 2010. Efficacy of insecticides and biopesticides against ambrosia beetle species in Tennessee nurseries and evaluation of plant stress factors related to tree attacks. 17th Ornamental Workshop on Diseases and Pests, Kanuga Conference Center, 20-24 Sept. 2010. Hendersonville, NC. (Poster Presentation)

Youssef, N., **J.B. Oliver**, and J.P. Basham. 2010. Evaluation of manuka oil baited purple sticky traps for the capture of buprestids and cerambycids (Coleoptera) in middle Tennessee. 17th Ornamental Workshop on Diseases and Pests, Kanuga Conference Center, 20-24 Sept. 2010. Hendersonville, NC. (Poster Presentation)

Oliver, J.B., S. Ochieng, N. Gawel, N. Youssef, F. Mrema, K. Vail, M. Halcomb, A. Callcott, X. Wei, L. McAnally, W.G. Haun, and S. Powell. 2010. Development of imported fire ant quarantine treatments for field-grown nursery stock. 17th Ornamental Workshop on Diseases and Pests, Kanuga Conference Center, 20-24 Sept. 2010. Hendersonville, NC. (Poster Presentation)

Oliver, J., K. Copley, N. Youssef, J. Basham, M. Halcomb, and W. Haun. 2010. The camphor shot borer - a new invasive ambrosia beetle in Tennessee with potential to affect the nursery industry. 17th Ornamental Workshop on Diseases and Pests, Kanuga Conference Center, 20-24 Sept. 2010. Hendersonville, NC. (Poster Presentation)

Hansen, J., W.E. Klingeman, J.K. Moulton, **J.B. Oliver**, N. Youssef, J. Basham, M.T. Windham, and R.N. Trigiano. 2010. Trap data reveal seasonal flight activities of buprestid beetle species in Tennessee. 17th Ornamental Workshop on Diseases and Pests, Kanuga Conference Center, 20-24 Sept. 2010. Hendersonville, NC. (Poster Presentation)

Youssef, N., **J. Oliver**, S. Ochieng, A. Callcott, K. Vail, M. Halcomb, F. Mrema, C. Kimbro, J. Chandler, X. Wei, L. McAnally, C. Ranger, J. Moyseenko, T. Rinehart, G. Kirker, C. Werle, W. Haun, and S. Powell. 2010. Fire ant management in nurseries. 17th Ornamental Workshop on Diseases and Pests, Kanuga Conference Center, 20-24 Sept. 2010. Hendersonville, NC. (Oral Presentation).

Oliver, J.B. 2010. Fire ant quarantine demonstration tent - how to properly drench a balled and burlapped nursery plant, estimate a 20% container volume on a container of unknown volume, and use a tractor-mounted Vicon spreader to apply fire ant baits. Tennessee Green Industry Field Day, 10 August 2010. McMinnville, TN (~ 10 growers in attendance).

Oliver, J.B., S. Ochieng, D. Fare, C. Ranger, M. Reding, N. Youssef, J. Moyseenko, M. Halcomb, and P. Schultz. 2010. Research to improve management of borers in Tennessee nurseries. Tennessee Green Industry Field Day, 10 August 2010. McMinnville, TN (Oral Presentation - ~ 50 growers in attendance).

Oliver, J.B. 2010. Wood-boring insects in Tennessee. 2010 Small Farm Expo and Small Farmer Recognition Program. School of Agriculture and Consumer Sciences, Otis L. Floyd Nursery Research Center, 15 July 2010. McMinnville, TN. (Oral Presentation)

Oliver, J.B. 2010. Environmentally friendly delivery of bait attractant and toxicants to fire ants. Tennessee Innovation Conference and Venture Showcase. 10-11 May 2010. Loews Vanderbilt Hotel. Nashville, TN. (Oral Presentation and Summary Abstract). [Invited to be Tennessee State University representative by Lou Svendsen, University Counsel, Tennessee Board of Reagents]

Invited

Oliver, J.B., S. Ochieng, A. Callcott, K. Vail, N. Youssef, M. Halcomb, F. Mrema, C. Kimbro, J. Chandler, X. Wei, L. McAnally, C. Ranger, J. Moyseenko, T. Rinehart, G. Kirker, C. Werle, W. Haun, and S. Powell. 2010. Efforts to develop pre-harvest treatments for imported fire ant quarantine certification of field-grown nursery stock in Tennessee. 2010 Imported Fire Ant and Invasive Ant Conf. 19-22 Apr. 2010. Little Rock AR. (Oral Presentation and [Proceeding](#))

X. Wei, A. Callcott, C. Hinton, L. McAnally, **J. Oliver**, and N. Youssef. 2010. Various individual tree drench methods coupled with post-harvest burlap treatment as IFA quarantine treatment method for field grown B&B nursery stock. 2010 Imported Fire Ant and Invasive Ant Conf. 19-22 Apr. 2010. Little Rock AR. (Poster Presentation and [Proceeding](#))

Oliver, J.B., C.M. Ranger, M.E. Reding, P.B. Schultz, N.N. Youssef, and J.J. Moyseenko. 2010. Evaluation of insecticides, biopesticides, and stress treatments on tree attacks by ambrosia beetles. 32nd Annual University-Wide Research Sympos. Tenn. State Univ., 15-19 March 2010, Nashville, TN. (Poster Presentation and Abstract)

Youssef, N.N., **J.B. Oliver**, and J.P. Basham. 2010. Comparison of manuka oil baited and unbaited traps for the capture of buprestids and cerambycids. 32nd Annual University-Wide Research Sympos. Tenn. State Univ., 15-19 March 2010, Nashville, TN. (Poster Presentation and Abstract)

Invited **Oliver, J.B.**, D. Fare, C.M. Ranger, S. Ochieng, N. Youssef, S. Scholl, M.E. Reding, J. Moyseenko, M. Halcomb, P. Schultz, L. Castrillo, and J. Vandenberg. 2010. Update on research to manage imported fire ants, Japanese beetle, and other nursery-impacting pests. Tennessee Nursery & Landscape Association Winter Educational Workshop, 1-2 Feb. 2010. Pigeon Forge, TN. (Oral Presentation)

Oliver, J.B., D.C. Fare, N.N. Youssef, S.S. Scholl, M.E. Reding, C.M. Ranger, J.J. Moyseenko, and M.A. Halcomb. 2010. Evaluation of insecticides for flatheaded borer management in field grown red maples, pp. 253-258. *In* W. Klingeman (ed.), Proc. 55th Annual Southern Nursery Assoc. Research Conf. 21-22 Jan. 2010. Mobile, AL. ([Proceeding](#) and Oral Presentation)

Hansen, J., W. Klingeman, **J. Oliver**, K. Moulton, N. Youssef, and J. Basham. 2010. Seasonal flight activities of economically and aesthetically important buprestid beetle species in Tennessee, pp. 259-262. *In* W. Klingeman (ed.), Proc. 55th Annual Southern Nursery Assoc. Research Conf. 21-22 Jan. 2010. Mobile, AL. ([Proceeding](#) and Poster Presentation)

Oliver, J.B., C.M. Ranger, M.E. Reding, P. Schultz, N. Youssef, and J. Moyseenko. 2009. Efficacy of insecticides and biopesticides against ambrosia beetle species in Tennessee nurseries and evaluation of plant stress factors related to tree attacks. The 57th Annual Meeting of the Entomological Society of America. 13-16 Dec. 2009. Indianapolis, IN. (Poster Presentation)

Ranger, C.M., M.E. Reding, **J.B. Oliver**, J. Moyseenko, and N. Youssef. 2009. Acute toxicity of essential oils to Japanese beetle larvae and their corresponding mass spectral analysis. The 57th Annual Meeting of the Entomological Society of America. 13-16 Dec. 2009. Indianapolis, IN. (Poster Presentation)

Ranger, C.M., M.E. Reding, **J.B. Oliver**, and P. Schultz. 2009. Electrophysiological and behavioral responses of the ambrosia beetle, *Xylosandrus germanus*, to repellent formulations. The 57th Annual Meeting of the Entomological Society of America. 13-16 Dec. 2009. Indianapolis, IN. (Poster Presentation)

Ranger, C.M., M.E. Reding, **J.B. Oliver**, and P. Schultz. 2009. Development of an odor-based trap tree strategy for ambrosia beetles infesting ornamental nurseries. The 57th Annual Meeting of the Entomological Society of America. 13-16 Dec. 2009. Indianapolis, IN. (Poster Presentation)

Reding, M.E., C.M. Ranger, P.B. Schultz, and **J.B. Oliver**. 2009. Monitoring ambrosia beetles with ethanol injected sentinel trees and ethanol baited bottle traps in ornamental nurseries. The 57th Annual Meeting of the Entomological Society of America. 13-16 Dec. 2009. Indianapolis, IN. (Poster Presentation)

Schultz, P.B., C.M. Ranger, M.E. Reding, and **J.B. Oliver**. 2009. Efficacy of conventional and bio-pesticides against ambrosia beetle species in Virginia and Ohio nurseries. The 57th Annual Meeting of the Entomological Society of America. 13-16 Dec. 2009. Indianapolis, IN. (Poster Presentation)

Youssef, N., **J.B. Oliver**, and J.P. Basham. 2009. Evaluation of manuka oil baited purple sticky traps for the capture of buprestids and cerambycids (Coleoptera) in middle Tennessee. The 57th Annual Meeting of the Entomological Society of America. 13-16 Dec. 2009. Indianapolis, IN. (Poster Presentation)

Invited **Oliver, J.B.**, C.M. Ranger, M.E. Reding, and P. Schultz. 2009. Advances in understanding ambrosia beetle chemical ecology and utilizing the findings to improve insecticide management. Thousand Cankers Black Walnut National Conference. 3-4 November 2009. St. Louis, MO. (Oral Presentation [[Online Slide Show and Notes](#)])

Invited Ranger, C.M., **J.B. Oliver**, M.E. Reding, P. Schultz, L. Castrillo, and J. Vandenberg. 2009. Advances in understanding ambrosia beetle chemical ecology and utilizing the findings to improve insecticide management. Thousand Cankers Black Walnut National Conference. 3-4 November 2009. St. Louis, MO. (Oral Presentation [[Online Slide Show and Notes](#)])

Invited **Oliver, J.B.**, S. Ochieng, N. Gawel, N. Youssef, F. Mrema, K. Vail, M. Halcomb, A. Callcott, X. Wei, L. McAnally, W.G. Haun, and S. Powell. 2009. Development of imported fire ant quarantine treatments for field-grown nursery stock. USDA-ARS Floriculture and Nursery Research Initiative Meeting. 14-17 October 2009. Cleveland, OH. (Poster Presentation, Proceeding Summary, and Concept Paper).

- Invited **Oliver, J.B.** 2009. Recognizing and managing borers. Tennessee State University Cooperative Extension Program, Ornamental and Turfgrass Pest Management Workshop. 9 September 2009. Nashville, TN. (Oral Presentation).
- Invited **Oliver, J.B.** and N.N. Youssef. 2009. How to pin insects, develop a personal insect collection, and prepare a butterfly garden. Junior Master Gardner's Day Camp. 3 June 2009. Warren County Fair Grounds. McMinnville, TN. (Oral Presentations to about 40 children ages 9-14)
- Invited **Oliver, J.B.** and S.A. Ochieng. 2009. Update on the development of new quarantine treatments to manage imported fire ants in commercial field nurseries. Tennessee Green Industry Field Day. Tennessee State University Otis L. Floyd Nursery Research Center, 4 Aug. 2009. McMinnville, TN. (Oral Presentation - 220+ growers)
- Invited **Oliver, J.B.** 2009. Imported fire ants: nursery research. Tennessee Association of Agricultural Agents and Specialists (University of Tennessee and Tennessee State University) as part of tour of Otis L. Floyd Nursery Research Center. 16 April 2009. McMinnville, TN. (Oral Presentation - 19 participants)
- Oliver, J.B.,** C. Ranger, M.E. Reding, J.J. Moyseenko, and N.N. Youssef. 2009. Treating field-grown nursery stock for Japanese beetle quarantine certification using conventional and biorational insecticides applied by a grower irrigation technique, pp. 189-190. *In* 1890 Research: Sustainable Solutions for the 21st Century. Association of Research Directors, Inc. 28 March - 1 April 2009. Atlanta, GA. (Poster Presentation and Abstract)
- Oliver, J.B.,** C. Ranger, M.E. Reding, J.J. Moyseenko, and N.N. Youssef. 2009. Pre-harvest irrigation: opportunity to apply biorational and conventional insecticides against Japanese beetle larvae in nurseries. Tennessee State University 31st Annual University-Wide Research Symposium. 30-31 March 2009. Nashville, TN. (Poster Presentation and Abstract)
- Oliver, J.B.,** M. Mmbaga, S. Ochieng, E. Ekanem, A. Callcott, and M. Halcomb. 2009. Development of biopesticides to enhance safety of pesticide handlers. NIOSH Grant Panel Site Review of the Southern Coastal Agromedicine Center. East Carolina University. 26 Feb. 2009. Greenville, NC. (Oral Presentation)
- Invited **Oliver, J.B.** 2009. Fire ant research update. Middle Tennessee Nursery Association Monthly Meeting. 19 Feb. 2009. McMinnville, TN. (Oral Presentation)
- Oliver, J.B.,** D.C. Fare, C.M. Ranger, N.N. Youssef, S. Scholl, M.A. Halcomb, M.E. Reding, and J.J. Moyseenko. 2009. Leafhopper control in field-grown red maples with systemic insecticides, pp. 158-162. In W.F. Klingeman (ed.), Proc. of Southern Nursery Association Annual Research Conference. 12-13 Feb. 2009. Atlanta, GA. (Poster Presentation and [Proceeding](#)).

- Invited **Oliver, J.B.**, N. Youssef, D. Fare, M. Reding, C. Ranger, S. Scholl, J. Moyseenko, and M. Halcomb. 2009. Borers: general information and management for the nursery and landscape. Tennessee Nursery and Landscape Association Winter Educational Workshop. 2 Feb. 2009. Pigeon Forge, TN. (Oral Presentation)
- Invited **Oliver, J.**, N. Youssef, D. Fare, M. Reding, C. Ranger, S. Scholl, J. Moyseenko, and M. Halcomb. 2008. Potential techniques for changing flatheaded borer management in field production nurseries. National Entomological Society of America Annual Meeting Ornamentals Symposium. 16-19 Nov. 2008. Reno, NV. (Oral Presentation Prepared by Oliver and Given by Youssef)
- Invited **Oliver, J.B.** 2008. Imported fire ants - general information, issues, and management in turfgrass and landscapes. Tennessee State University Cooperative Extension Program, Ornamental and Turfgrass Pest Management Workshop. 16 September 2008. Nashville, TN. (Oral Presentation).
- Oliver, J.B.**, R.K. Vander Meer, S.A. Ochieng, N.N. Youssef, E. Pantaleoni, M.Y. Hosack, F.A. Mrema, K.M. Vail, J. Parkman, S.M. Valles, W.G. Haun, and S. Powell. 2008. Survey of imported fire ant populations in Tennessee and implications for biological control. 30th Annual University-Wide Research Sympos. Tenn. State Univ., 31 March - 3 April 2008, Nashville, TN. (Poster Presentation and [Abstract](#))
- Youssef, N.N., **J. Oliver**, M. Reding, C. Ranger, and J. Moyseenko. 2008. Plant repellency of essential oils to Japanese beetle (*Popillia japonica* Newman). 30th Annual University-Wide Research Sympos. Tenn. State Univ., 31 March - 3 April 2008, Nashville, TN. (Poster Presentation and [Abstract](#))
- Oliver, J.B.**, R.K. Vander Meer, S.A. Ochieng, N.N. Youssef, E. Pantaleoni, M.Y. Hosack, F.A. Mrema, K.M. Vail, J. Parkman, S.M. Valles, W.G. Haun, and S. Powell. 2008. Statewide survey of imported fire ant species in Tennessee. Proc. Imported Fire Ant and Invasive Ant Conference. 24-26 March 2008. Charleston, SC. (Poster Presentation and Abstract)
- Invited **Oliver, J.B.** 2008. Tennessee Fire Ant Research and Education Team (FARET). Tennessee General Assembly House Agriculture Committee for presentation given to Committee. State Capitol Building. 29 Jan. 2008. Nashville, TN. (Oral Presentation and Summary Handout - Note: Second author on written summary given to House Ag. Committee, but first author on my part of oral presentation).
- Youssef, N., **J. Oliver**, M. Reding, C. Ranger, and J. Moyseenko. 2007. Plant repellency of essential oils to Japanese beetles (*Popillia japonica* Newman). The 55th Annual Meeting of the Entomol. Soc. Amer. 9-12 December 2007. San Diego, CA. (Poster Presentation)

Reding, M., **J. Oliver**, and P.B. Schultz. 2007. Monitoring the ambrosia beetle complex in ornamental nurseries in Ohio, Tennessee, and Virginia: influences of trap height. The 55th Annual Meeting of the Entomol. Soc. Amer. 9-12 December 2007. San Diego, CA. (Poster Presentation and Abstract)

Hansen, J., W. Klingeman, K. Moulton, M. Windham, and **J. Oliver**. 2007. Phylogenetic analysis of the *Chrysobothris femorata* complex (Coleoptera: Buprestidae). The 55th Annual Meeting of the Entomol. Soc. Amer. 9-12 December 2007. San Diego, CA. (Oral Presentation)

Invited **Oliver, J.B.** 2007. Field demonstration of dipping, drenching, floodjet, and flatfan spray technologies for applying Japanese beetle and imported fire ant quarantine treatments. International Plant Propagators Society touring the TSU Otis L. Floyd Nursery Research Center. 30 Oct. 2007. McMinnville, TN. (Oral Presentation - 400 participants)

Invited **Oliver, J.B.** 2007. Update on entomology program powerpoint presentation and a field demonstration on root ball dipping, drenching, and floodjet and flatfan spary technologies for applying Japanese beetle and imported fire ant quarantine treatments. Given to scientists and extension professionals as part of The IR-4 Project (for minor use crops) touring the TSU Otis L. Floyd Nursery Research Center. 17 Oct. 2007. McMinnville, TN.

Invited **Oliver, J.B.** 2007. Fire ant management and other information for commercial nurseries and landscape settings. Tennessee Green Industry Field Day. Williamson County Ag Expo Park, 21 August 2007. Franklin, TN. (Oral Presentation)

Mizell, R.F. and **J.B. Oliver**. 2007. Biology, prevention, and management of woodboring insects in woody landscape plants. Integrated Pest Management Update for 2007. 22 May 2007. University of Florida. Four separate talks presented at West Palm Beach, Homestead, Central Florida Research Center, and Mid-Florida Research Center. Subsequently telecast to other sites around Florida. (Oral Presentation)

Invited **Oliver, J.B.** 2007. Imported fire ant issues: Tennessee Department of Agriculture nursery grower stakeholder meeting. Tennessee State University Otis L. Floyd Nursery Research Center, 12 April 2007. McMinnville, TN. (Oral Presentation)

Oliver, J.B., S. James, S. Ochieng, N. Youssef, K. Vail, M. Halcomb, T. Rashid, J. Parkman, W. Haun, and A. Callcott. 2007. Evaluation of USDA Insecticide band treatment protocols for quarantine control of imported fire ant in Tennessee. 29th Annual University-Wide Research Sympos. Tenn. State Univ., 27-29 March 2007, Nashville, TN. (Poster Presentation and [Abstract](#))

Youssef, N., **J.B. Oliver**, D.C. Fare, S. Scholl, J. Francese, I. Fraser, V. Mastro, W. Klingeman, and D. Boyd. 2007. The development of a flat-headed borer trap: a six year process. 29th Annual University-Wide Research Sympos. Tenn. State Univ., 27-29 March 2007, Nashville, TN. (Poster Presentation and [Abstract](#))

Dennis, S.O. and **J. Oliver**. 2007. Persistence of an insecticide used in dip treatment of Japanese beetle grubs and imported fire ants in nursery soils. 2007 Annual Meeting of the American Society of Agronomy Southern Branch. 4-6 February 2007. Mobile, AL. (Oral Presentation and Abstract)

Invited **Oliver, J.B.** 2007. Imported fire ants and the Tennessee nursery industry. BWI and Syngenta Crop Protection, Inc. sponsored Nursery Grower Workshop. Tennessee State University Otis L. Floyd Nursery Research Center, 12 February 2007. McMinnville, TN. (Oral Presentation)

Mizell, R.F. and **J.B. Oliver**. 2007. Outlook on boring insect problems in field and container production. Central Florida Nursery Production School. 20 Feb. 2007. Bushnell, FL. (Oral Presentation)

Invited **Oliver, J.B.** 2007. Managing borers in the landscape and nursery. McMinnville Master Gardner's Meeting. McMinnville City County Building. 18 January 2007. McMinnville, TN. (Oral Presentation)

Invited **Oliver, J.B.** 2007. Fire ant identification and management in turfgrass and ornamentals. Tennessee State University, Cooperative Extension Program. Ornamental and Turfgrass Workshop. 16 January 2007. Nashville, TN. (Oral Presentation)

Francesse, J., I. Fraser, **J. Oliver**, N. Youssef, D.R. Lance, and V.C. Mastro. 2006. Effects of trap placement and design on capture of *Agrilus planipennis*. 2006 National Entomol. Soc. America Meeting, 10-13 December 2006. Indianapolis, IN. (Poster Presentation)

Youssef, N., **J. Oliver**, D. Fare, S. Scholl, J. Francesse, I. Fraser, V. Mastro, B. Klingeman, and D. Boyd. 2006. Multi-state buprestid collections resulting from the development of a purple-colored sticky trap. 2006 National Entomol. Soc. America Meeting, 10-13 December 2006. Indianapolis, IN. (Poster Presentation)

Dennis, S.O., **J. Oliver**, and E.K. Dzantor. 2006. Degradation of an insecticide used in the quarantine treatment of Japanese beetle in soils. 70th Soil Science Society of America Annual Meeting, 12-16 November 2006. Indianapolis, IN. (Oral Presentation and Abstract)

Invited **Oliver, J.B.**, D. Fare, N. Youssef, S. Scholl, M. Halcomb, F. Hale, M. Reding, and J. Moysenko. 2006. Managing borers in the landscape and nursery. Middle Tennessee Nursery Association Tradeshow and Educational Workshop. 6 October 2006. McMinnville, TN. (Oral Presentation)

Oliver, J.B., S. James, S. Ochieng, N.N. Youssef, K. Vail, M.A. Halcomb, T. Rashid, J. Parkman, W.G. Haun, and A. Callcott. 2006. Evaluation of USDA-APHIS-PPQ band treatment protocols for management of hybrid imported fire ant in Tennessee field nursery stock, pp. 159-164. In D. Held [Ed.], Proc. 51st Ann. Southern Nurs. Assoc. Res. Conf. 9-10 Aug. 2006. Atlanta, GA. (Poster Presentation and [Proceeding](#))

Dennis, S.O., **J. Oliver**, E.K. Dzantor, and P. Nveawiah-Yoho. 2006. Persistence of chlorpyrifos used in dip treatment of Japanese beetle grubs, pp. 549-551. *In* M. Taylor [Ed.], Proc. 51st Ann. Southern Nurs. Assoc. Res. Conf. 9-10 Aug. 2006. Atlanta, GA. ([Proceeding Only](#))

Invited Vogt, J.T. and **J.B. Oliver**. 2006. Fire ants – how to protect your employees and your business. Tennessee Green Industry Field Day. Tennessee State University Otis L. Floyd Nursery Research Center. 22 August 2006. McMinnville, TN. (Joint oral presentation with J.T. Vogt)

Wang, M., **J. Oliver**, and N. Youssef. 2006. Potential fire ant repellents from plant oils. Proceedings XV Congress International Union for the Study of Social Insects. 30 July – 4 August 2006. Washington, D.C. (Poster Presentation and Abstract)

Invited **Oliver, J.B.** 2006. Imported fire ants: Tennessee Department of Agriculture nursery grower stakeholder meeting. Tennessee State University Otis L. Floyd Nursery Research Center. 6 June 2006. McMinnville, TN. (Oral Presentation)

Youssef, N.N. and **J.B. Oliver**. 2006. Comparison of four different trap types for the collection of Asian and other species of ambrosia beetles. 28th Ann. University-Wide Research Symposium. 3-6 April 2006. Nashville, TN. (Poster Presentation and [Abstract](#))

Oliver, J.B., R. Vander Meer, N.N. Youssef, S.A. Ochieng, W.G. Haun, M. Hosack, and S.D. Powell. 2006. Species composition of imported fire ants in the state of Tennessee and implications for future biological control programs, pp. 123. *In* Association of Research Directors, Inc. 14th Biennial Research Symposium, 1-5 April 2006, Atlanta, GA. (Oral Presentation and Abstract).

Dennis, S.O., **J. Oliver**, K. Dzantor, and P.N. Yoho. 2006. Degradation of chlorpyrifos in nursery soils in middle Tennessee, pp. 135. *In* Association of Research Directors, Inc. 14th Biennial Research Symposium, 1-5 April 2006, Atlanta, GA. (Oral Presentation and ~~Abstract~~)

Ochieng, S. and **J. Oliver**. 2006. Controlling red imported fire ant using repellent essential oils, pp. 137. *In* Association of Research Directors, Inc. 14th Biennial Research Symposium, 1-5 April 2006, Atlanta, GA. (Oral Presentation and Abstract).

Youssef, N.N. and **J.B. Oliver**. 2006 Comparison of four different trap types for the collection of Asian and other species of ambrosia beetles, pp. 276-277. *In* Association of Research Directors, Inc. 14th Biennial Research Symposium, 1-5 April 2006, Atlanta, GA. (Poster Presentation and Abstract).

Rashid, T., P. Parkman, **J. Oliver**, and K. Vail. 2006. Mortality response of red, black and hybrid imported fire ants to insecticide treated soil in laboratory bioassays, pp. 31-33. *In* L.C. Graham [ed.], Proc. 2006 Ann. Red Imported Fire Ant Conf., 28-30 March 2006. Mobile, AL. (Oral Presentation and [Proceeding](#))

Wang, M., **J. Oliver**, and D. Fare. 2006. Fire ant repellents from plant extracts, pp. 52-53. *In* L.C. Graham [ed.], Proc. 2006 Ann. Red Imported Fire Ant Conf., 28-30 March 2006. Mobile, AL. (Oral Presentation and [Proceeding](#))

Rashid, T., P. Parkman, **J. Oliver**, and K. Vail. 2006. Using population index and foraging activity to evaluate broadcast applications of baits and granular insecticides for imported fire ants, pp. 122-124. *In* L.C. Graham [ed.], Proc. 2006 Ann. Red Imported Fire Ant Conf., 28-30 March 2006. Mobile, AL. (Oral Presentation and [Proceeding](#))

Invited **Oliver, J.B.** 2006. Review of Japanese beetle biology and the Domestic Harmonization Plan. University of Kentucky, Nursery Winter Workshop: Invasive Insects and Weed Management. 8 Feb. 2006. Lexington, KY. (Oral Presentation)

Invited **Oliver, J.B.** 2006. Fire ant update: identification, distribution, and prevention. University of Kentucky, Nursery Winter Workshop: Invasive Insects and Weed Management. 8 Feb. 2006. Lexington, KY. (Oral Presentation)

Invited **Oliver, J.B.** 2006. Asian ambrosia beetle: damage, trapping, identification, and control. University of Kentucky, Nursery Winter Workshop: Invasive Insects and Weed Management. 8 Feb. 2006. Lexington, KY. (Oral Presentation)

Invited **Oliver, J.B.** 2006. Trapping and controlling borer pests of nursery crops. University of Kentucky, Nursery Winter Workshop: Invasive Insects and Weed Management. 8 Feb. 2006. Lexington, KY. (Oral Presentation)

Invited **Oliver, J.B.** 2006. Managing borers in the landscape and nursery. Tennessee Nursery and Landscape Association Winter Education and Exhibits. 6 Feb. 2006. Pigeon Forge, TN. (Oral Presentation)

Dennis, S.O., **J. Oliver**, D. Duseja, and P. Nveawiah-Yoho. 2006. Persistence of bifenthrin and chlorpyrifos in nursery soils. American Society of Agronomy Southern Branch. 5 Feb. 2006. Orlando, FL. (Poster Presentation and Abstract)

Francese, J.A., **J.B. Oliver**, I. Fraser, N. Youssef, D.R. Lance, D.J. Crook, and V.C. Mastro. 2006. Effects of trap design and placement on capture of emerald ash borer, *Agrilus planipennis*, pp. 41. *In* K.W. Gottschalk [ed.], Proceedings 17th USDA Interagency Research Forum on Gypsy Moth and Other Invasive Species. 10-13 Jan. 2006. Annapolis, MD. (Poster Presentation and [Abstract](#)).

Poland, T., D. Crook, J. Francese, **J. Oliver**, G. Otis, P. de Groot, G. Grant, L. MacDonald, D. McCullough, I. Fraser, D. Lance, V. Mastro, N. Youssef, T. Turk, and M. Youngs. 2006. Toward the development of survey trapping technology for the emerald ash borer, pp. 4-5. *In* K.W. Gottschalk [ed.], Proceedings 17th USDA Interagency Research Forum on Gypsy Moth and Other Invasive Species. 10-13 Jan. 2006. Annapolis, MD. (Oral Presentation and [Abstract](#)).

- Invited **Oliver, J.B.** 2005. Ecological approaches to the management of wood-borers in the nursery and landscape. 53rd National Entomol. Soc. Am. Ann. Meeting, 15-18 Dec. 2005. Fort Lauderdale, FL. (Symposium Presentation and [Abstract](#))
- Youssef, N.N. and **J.B. Oliver**. 2005. Comparison of four different trap types for the collection of Asian and other species of ambrosia beetles. 53rd National Entomol. Soc. Am. Ann. Meeting, 15-18 Dec. 2005. Fort Lauderdale, FL. (Poster Presentation)
- Invited **Oliver, J.B.**, S. Ochieng, and M.T. Mmbaga. 2005. Entomology research related to agromedicine at the Tennessee State University Otis L. Floyd Nursery Research Center. Southern Coastal Agromedicine Center, 25 Oct. 2005. Greenville, NC. (Oral Research Forum Presentation)
- Ochieng, S.A. and **J.B. Oliver**. 2005. Control of red imported fire ants using plant-produced repellents. *In* W.G. Haun. [Ed.]. Proc 32nd Ann. Meeting Tennessee Entomol. Soc. 13-14 Oct. 2005. Nashville, TN. (Oral Presentation and Abstract)
- Francese, J.A., **J. Oliver**, I. Fraser, N. Youssef, D.R. Lance, D.J. Crook, and V.C. Mastro. 2005. Effects of trap design and placement on capture of emerald ash borer, *Agrilus planipennis*, pp. 57-58. *In* V. Mastro, R. Reardon, and G. Parra [eds.], Emerald Ash Borer Research and Technology Development Meeting. 26-27 September 2005. Pittsburgh, PA. (Oral Presentation and [Abstract](#))
- Fraser, I., J.A. Francese, D.R. Lance, D. Crook, **J.B. Oliver**, N. Youssef, and V.C. Mastro. 2005. Effects of tree wounding and banding on emerald ash borer capture, pp. 59-60. *In* V. Mastro, R. Reardon, and G. Parra [eds.], Emerald Ash Borer Research and Technology Development Meeting. 26-27 September 2005. Pittsburgh, PA. (Oral Presentation and [Abstract](#))
- Invited **Oliver, J.B.** 2005. Fire ant issues and problems: TSU & CPHST (Gulfport, MS) perspective. (presentation made on behalf of CPHST Gulfport, MS Lab). National Plant Board Imported Fire Ant Committee and PPQ IFA Program, 13 Sep. 2005. Nashville, TN. (Oral Presentation)
- Invited **Oliver, J.B.** 2005. Fire ant treatments under development. National Plant Board Imported Fire Ant Committee and PPQ IFA Program, 14 Sep. 2005. Nashville, TN. (Oral Presentation)
- Invited **Oliver, J.B.** 2005. Update on phorid fly and other biocontrol agents. National Plant Board Imported Fire Ant Committee and PPQ IFA Program, 14 Sept. 2005. Nashville, TN. (Oral Presentation)
- Oliver, J.B.**, F.A. Hale, N.N. Youssef, and M.A. Halcomb. 2005. Management strategies for Asian ambrosia beetle in commercial nurseries, pp. 205-209. *In* D. Held [Ed.]. Proc. 50th Ann. Southern Nursery Assoc. Res. Conf. 10-11 Aug. 2005. Atlanta, GA. (Poster Presentation and [Proceeding](#))

Dennis, S.O., **J.B. Oliver**, N.N. Youssef, and P. N. Yoho. 2005. Degradation of chlorpyrifos in soil: influence of water application rate and soil organic carbon. *In* M. Taylor [ed.], Proc. Southern Nursery Assoc. 50th Ann. Res. Conf., 10-11 Aug. 2005. Atlanta, GA. ([Proceeding](#))

Rashid, T., K. Vail, and **J. Oliver**. 2005. Cool season applications of baits and/or chemical drenches to individual mounds of imported fire ants, 210-212. *In* D. Held [Ed.]. Proc. 50th Ann. Southern Nursery Assoc. Res. Conf. 10-11 Aug. 2005. Atlanta, GA. (Oral Presentation and [Proceeding](#))

Oliver, J.B. 2005. Key “take home points” I got from the Association of Research Directors / Association of Extension Administrators Conference, New Orleans, LA. 24 Jun. 2005. Tennessee State University, Departmental Presentation. Nashville, TN. (Oral Presentation)

Invited **Oliver, J.B.** 2005. Managing fire ants in home lawns (and nurseries). Franklin County Dogwood Arts Festival. 15 Apr. 2005. Winchester, TN. (Oral Presentation)

Oliver, J., J. Francese, N. Youssef, V. Mastro, D. Lance, I. Fraser, and D. Fare. 2005. Evaluation of the design and site placement of various traps for the collection of emerald ash borer. *In* M.E. Lewis [ed.], Proc. 27th Ann. University-Wide Res. Sympos. Tennessee State University. 29-31 March 2005. Nashville, TN. Poster Presentation. (Poster Presentation and [Abstract](#))

Youssef, N., **J.B. Oliver**, D.C. Fare, and S. Scholl. 2005. Diurnal activity of buprestids as indicated by purple sticky trap collection. *In* M.E. Lewis [ed.], Proc. 27th Ann. University-Wide Res. Sympos. Tennessee State University, 29-31 March 2005. Nashville, TN. (Poster Presentation and [Abstract](#))

James, S., **J. Oliver**, A.M. Callcott, M. Klein, J. Moyseenko, N. Youssef, and L. McAnally. 2005. Immersion treatments for imported fire ant quarantine with consideration for Japanese beetle grubs, pp. 49-52. *In* A. Callcott [ed.], Proc. Ann. Red Imported Fire Ant Conf. 22-24 March 2005. Gulfport, MS. (Oral Presentation and [Proceeding](#))

Rashid, T., K. Vail, P. Parkman, and **J. Oliver**. 2005. Cool-season applications of baits and/or chemical drenches to individual mounds, pp. 37-40. *In* A. Callcott [ed.], Proc. Ann. Red Imported Fire Ant Conf. 22-24 March 2005. Gulfport, MS. (Oral Presentation and [Proceeding](#))

Parkman, P., K. Vail, T. Rashid, **J. Oliver**, R. Pereira, S.D. Porter, M. Shires, G. Haun, S. Powell, L. Thead, and J. T. Vogt. 2005. Establishment and spread of *Pseudacteon curvatus* in Tennessee, pp. 111-112. *In* A. Callcott [ed.], Proc. Ann. Red Imported Fire Ant Conf. 22-24 March 2005. Gulfport, MS. (Oral Presentation and [Proceeding](#))

Invited **Oliver, J.B.** and N. Youssef. 2005. Using traps to monitor Asian ambrosia beetle around your nurseries. Middle Tennessee Nursery Association Monthly Meeting, 17 Mar. 2005. McMinnville, TN. (Oral Presentation)

Francesce, J.A., **J.B. Oliver**, I. Fraser, N. Youssef, D.R. Lance, D.J. Crook, and V.C. Mastro. 2005. Effects of trap design and placement on capture of emerald ash borer, *Agrilus planipennis* Fairmaire (Coleoptera: Buprestidae). In K.W. Gottschalk [ed.], Proc. 16th USDA Interagency Research Forum on Gypsy Moth and Other Invasive Species, 2005. 18-21 January 2005. Annapolis, MD. (Poster Presentation Only). (**Note: Authorship order and title changed on actual poster presented at meeting**).

Oliver, J.B., N.N. Youssef, J.A. Francesce, V.C. Mastro, D.R. Lance, I. Fraser, and D. Fare. 2004. Field studies to develop an emerald ash borer regulatory survey trap by capitalizing on color preferences in the family Buprestidae. 52nd National Entomol. Soc. Am. Ann. Meeting, 14-17 Nov. 2004. Salt Lake City, UT. (Poster Presentation)

Youssef, N.N., **J.B. Oliver**, D.C. Fare, and S. Scholl. 2004. Diurnal activity of buprestids as indicated by purple sticky trap collection. 52nd National Entomol. Soc. Am. Ann. Meeting, 14-17 Nov. 2004. Salt Lake City, UT. (Poster Presentation)

Francesce, J.A., V.C. Mastro, **J.B. Oliver**, N. Youssef, D.R. Lance, I. Fraser, and S.G. Lavallee. 2004. Influence of color on capture of *Agrilus planipennis* in Michigan. 52nd National Entomol. Soc. Am. Ann. Meeting, 14-17 Nov. 2004. Salt Lake City, UT. (Poster Presentation and [Abstract](#))

Fraser, I., J.A. Francesce, D.R. Lance, V.C. Mastro, **J.B. Oliver**, and N.N. Youssef. 2004. Effectiveness of colored tree bands to trap emerald ash borer (*Agrilus planipennis*). 52nd National Entomol. Soc. Am. Ann. Meeting, 14-17 Nov. 2004. Salt Lake City, UT. (Poster Presentation)

James, S., **J.B. Oliver**, A.-M. Callocott, M. Klein, J. Moyseenko, and N. Youssef 2004. Potential imported fire ant quarantine dips for balled and burlapped plants with consideration for Japanese beetle grubs. 52nd National Entomol. Soc. Am. Ann. Meeting, 14-17 Nov. 2004. Salt Lake City, UT. (Oral Presentation and [Abstract](#))

Invited **Oliver, J.B.** 2004. Insect borers affecting nursery and landscape plants and minor fruit crops. Southern Region Pest Management Center, Southern Region IPM Center, and USDA-CSREES Insect Borer Workshop, 4-5 Nov. 2004. Orlando, FL. (Oral Presentation and Abstract).

Oliver, J.B., N.N. Youssef, and M.A. Halcomb. 2004. Evaluation of multiple traps for monitoring ambrosia beetles near Tennessee production nurseries. In G. Haun [ed.], Tennessee Entomological Society, 14-15 October 2004, Nashville, TN. (Oral Presentation and Abstract)

Vogt, J.T. and **J.B. Oliver**. 2004. Trends in imported fire ant (*Solenopsis richteri* Forel and *S. richteri x invicta*) infestation in recently invaded Tennessee ball and burlap nurseries. In G. Haun [ed.], Tennessee Entomological Society Firefly, 14-15 October 2004, Nashville, TN. (Oral Presentation)

Vail, K., T. Rashid, J. Parkman, R. Pereira, **J. Oliver**, M. Shires, S. Porter, G. Haun, S. Powell, L. Thead, J.T. Vogt, and A-M. Callcott. 2004. Phenomenal fire ant decapitating fly recovery in Tennessee. In G. Haun [ed.], Tennessee Entomological Society Firefly, 14-15 October 2004, Nashville, TN. (Oral Presentation)

Oliver, J.B., J.A. Francese, I. Fraser, D.R. Lance, V.C. Mastro, and N. Youssef. 2004. Studies to develop an emerald ash borer survey trap: I. Trap design, trap location, and tree damage, pp. 60-61. *In* V. Mastro and R. Reardon [eds.], Emerald Ash Borer Research and Technology Development Meeting, 5-6 October 2004. Romulus, MI. (Oral Presentation and [Abstract](#))

Francese, J.A., I. Fraser, D.R. Lance, V.C. Mastro, **J.B. Oliver**, and N. Youssef. 2004. Studies to develop an emerald ash borer survey trap: II. Comparison of colors, p. 62. *In* V. Mastro and R. Reardon [eds.], Emerald Ash Borer Research and Technology Development Meeting, 5-6 October 2004. Romulus, MI. (Oral Presentation and [Abstract](#))

Fraser, I., J.A. Francese, D.R. Lance, V.C. Mastro, **J.B. Oliver**, and N. Youssef. 2004. Studies to develop an emerald ash borer survey trap: III. Tree banding, p. 63. *In* V. Mastro and R. Reardon [eds.], Emerald Ash Borer Research and Technology Development Meeting, 5-6 October 2004. Romulus, MI. (Oral Presentation and [Abstract](#))

Invited **Oliver, J.B.** 2004. Current research on fire ant. Education Session of Middle Tennessee Nursery Association, 1 Oct. 2004. McMinnville, TN. (Oral Presentation)

Invited **Oliver, J.B.** 2004. Container insect pests: soil-borne and trunk attacking. Presented to the USDA Commodity Profile and Pest Management Strategic Plan for the Southern Region Pest Management Center – Assessment of Pest Management Practices for Container Tree Production in USDA Hardiness Zones 6 – 8, 27-28 Sep. 2004. Biloxi, MS. (Oral Presentation and Written Crop Commodity Profile)

Oliver, J.B., N.N. Youssef, and M.A. Halcomb. 2004. Comparison of different trap types for collection of Asian ambrosia beetle, pp. 158-163. *In* J.B. Oliver [ed.], Proc. 49th Ann. Southern Nursery Assoc. Res. Conf. 11-12 Aug. 2004. Atlanta, GA. (Oral Presentation and [Proceeding](#))

Youssef, N.N., **J.B. Oliver**, M.G. Klein, and J.J. Moyseenko. 2004. Botanical extracts as potential Japanese beetle repellants, pp. 164-167. *In* J.B. Oliver [ed.], Proc. 49th Ann. Southern Nursery Assoc. Res. Conf. 11-12 Aug. 2004. Atlanta, GA. (Oral Presentation and [Proceeding](#))

Dennis, S.O., **J. Oliver**, P. Nveawiah-Yoho, and B. Sheshahala. 2004. Soil pH and organic carbon under rain-fed condition in nursery stock quarantine treatment of Japanese beetle, pp. 526-529. *In* S.O. Dennis [ed.], Proc. 49th Ann. Southern Nurs. Assoc. Res. Conf. 11-12 Aug. 2004. Atlanta, GA. ([Proceeding](#))

Mmbaga, M.T., **J. Oliver**, M. Keri, and N. Youssef. 2004. The potential of biorational products in the management of insect and foliage diseases, pp. 224-230. *In* S.N. Jeffers [ed.], Proc. 49th Ann. Southern Nurs. Assoc. Res. Conf. 11-12 Aug. 2004. Atlanta, GA. (Poster Presentation and [Proceeding](#))

Dobbs, J.H. 2004. Imidacloprid, cyfluthrin; nursery insecticide (Discus), pp. 207-211. *In* J.B. Oliver [ed.], Proc 49th Ann. Southern Nursery Assoc. Res. Conf. 11-12 Aug. 2004. Atlanta, GA. **Oliver, J.B. and M. Klein cited as source of Japanese beetle data in Proceeding.** (Oral Presentation and [Proceeding](#))

Oliver, J.B., D. Fare, N. Youssef, and W. Klingeman. 2004. A survey trap to monitor adult flatheaded borer activity in nurseries, pp. H-1. *In* M.E. Lewis [ed.], Proc. 26th Ann. University-Wide Res. Sympos. Tennessee State University, 6-8 April, 2004. Nashville, TN. (Oral Presentation and [Abstract](#))

Oliver, J.B., S.S. James, A.-M. Callcott, N.N. Youssef, and K.M. Vail. 2004. Pesticides applied to individual fire ant mounds during winter months as potential treatments for certifying nursery stock – 2003 Tennessee trial, pp. 36-38. Proc. Red Imported Fire Ant Conf. 21-23 Mar. 2004. Baton Rouge, LA. (Oral Presentation and [Proceeding](#))

James, S.S., A.-M. Callcott, **J.B. Oliver**, N.N. Youssef, and K.M. Vail. 2004. Contact insecticide treatments applied to fire ant mounds during winter months as potential nursery quarantine treatments – 2003 Mississippi, pp. 28-35. Proc. Red Imported Fire Ant Conf. 21-23 Mar. 2004. Baton Rouge, LA. (Oral Presentation and [Proceeding](#))

Ward, K.E., L.C. Graham, L.G. Thead, **J.B. Oliver**, R.N. Ward, and J.T. Vogt. 2004. Release of *Pseudacteon curvatus* into black and hybrid imported fire ant populations in northern Alabama, southern Tennessee, and eastern Mississippi, pp. 158-160. Proc. Red Imported Fire Ant Conf. 21-23 Mar. 2004. Baton Rouge, LA. (Poster Presentation and [Proceeding](#))

Vail, K., **J. Oliver**, C. Kimbro, D. Bailey, J. Morton, N. Youssef, P. Parkman, S. James, and A.-M. Callcott. 2004. Pesticide surface treatments applied to fire ant mounds during April as potential nursery quarantine treatments – 2003 Tennessee trials, pp. 137-138. Proc. Red Imported Fire Ant Conf. 21-23 Mar. 2004. Baton Rouge, LA. (Poster Presentation and [Proceeding](#))

Invited **Oliver, J.B.** 2004. **Two presentations:** 1) Emerald ash borer research and 2) Imported fire ant information and research. Tenn. Dept. Agric. Plant Certification Inspector's Meeting. 3-5 Feb. 2004. Nashville, TN. (Oral Presentation)

Invited **Oliver, J.B.** 2004. Fire ant update for Tennessee. 2004 Educational Seminar. Tennessee Nursery & Landscape Association. 15-16 Jan. 2004. Chattanooga, TN. (Oral Presentation)

Francesce, J.A., V.C. Mastro, D.R. Lance, S.G. Lavallee, **J.B. Oliver**, and N. Youssef. 2004. Development of survey tools for the emerald ash borer. *In* K.W. Gottschalk [ed.], Proc. XV USDA Interagency Research Forum on Gypsy Moth and Other Invasive Species 2004. 13-16 January 2004. Annapolis, MD. (Poster Presentation and [Abstract](#))

Oliver, J.B. 2003. Update on phorid research at Tennessee. USDA-ARS Regional Management Program. 3 Nov. 2003. Starkville, MS. (Oral Presentation)

Oliver, J.B., D.C. Fare, N.N. Youssef, S.S. Scholl, and W.E. Klingeman. 2003. Color influences collection of buprestid borers with tree silhouette traps. 51st National Entomol. Soc. Am. Ann. Meeting, Turf and Ornamentals Symposium. 26-29 Oct. 2003. Cincinnati, OH. (Poster Presentation).

Youssef, N.N., **J.B. Oliver**, M. Klein, and J. Moysenko. 2003. Botanical extracts and other organic compounds as potential Japanese beetle repellents. 51st National Entomol. Soc. Am. Ann. Meeting, Turf and Ornamentals Symposium. 26-29 Oct. 2003. Cincinnati, OH. (Oral Presentation)

Oliver, J.B., V. Mastro, D. Lance, J. Francesce, N. Youssef, S. Lavallee, and D. Fare. 2003. Development of traps to survey emerald ash borer, pp.17-18. *In* V. Mastro and R. Reardon [eds.], Proc. Emerald Ash Borer Research and Technology Development Meeting, 30 Sep.- 1 Oct. 2003. Port Huron, MI. (Oral Presentation and [Proceeding Abstract](#))

Francesce, J.A., V.C. Mastro, D.R. Lance, S.G. Lavallee, **J.B. Oliver**, and N. Youssef. 2003. Development of survey tools for emerald ash borer, pp. 22. *In* V. Mastro and R. Reardon [eds.], Proc. Emerald Ash Borer Research and Technology Development Meeting, 30 Sep.- 1 Oct. 2003. Port Huron, MI. (Oral Presentation and [Proceeding Abstract](#))

Oliver, J.B. 2003. Fire ant management for nursery production. Tennessee Green Industry Field Day, Otis L. Floyd Nursery Res. Center. 12 Aug. 2003. McMinnville, TN. (Oral Presentation)

Oliver, J.B., D.C. Fare, N. Youssef, S. Scholl, and W. Klingeman. 2003. Collection of adult flatheaded borers using multicolored traps, pp. 193-198. *In* J.B. Oliver [ed.], Proc. 48th Ann. Southern Nursery Assoc. Res. Conf., 30-31 Jul. 2003. Atlanta, GA. (Poster Presentation and [Proceeding](#))

Oliver, J.B. 2003. Tour Otis L. Floyd Nursery Research Center to Leadership McMinnville for Infrastructure/Agriculture Day. 9 July 2003. McMinnville, TN. (Oral Presentation)

Oliver, J.B., N.N. Youssef, P. Landolt, and M.A. Halcomb. 2003. Trapping European hornet queens to prevent bark-feeding damage to nursery stock, pp. 170. *In* Proc. 13th Biennial Res. Sympos. Assoc. Res. Directors, Inc., 29 Mar. – 2 Apr. 2003, Atlanta, GA. (Poster Presentation and Proceeding Abstract).

- Invited **Oliver, J.B.** 2003. Fire ants: their biology and management. Co-Presentation with John Ferrell to Franklin County Community, Franklin County Extension Office, 13 March 2003. Winchester, TN. (Oral Presentation)
- Oliver, J.B.**, D.C. Fare, N. Youssef, S. Scholl, M.A. Halcomb, W. Klingeman, and P. Flanagan. 2003. A method to monitor buprestid borers in nurseries and preliminary results of a regional damage survey. 77th Ann. Meeting Southeastern Branch Entomol. Soc. Am., 9-12 Mar. 2003, Baton Rouge, LA. (Oral Presentation)
- Invited **Oliver, J.B.** 2003. Managing Asian ambrosia beetle. Grower talk at monthly Middle Tennessee Nursery Association Meeting, Ryan's Restaurant at request of Mark Halcomb (UT Extension). 20 February 2003. McMinnville, TN. (Oral Presentation)
- Oliver, J.B.**, N. Youssef, and M. Halcomb. 2003. How to manage ambrosia beetles in your nursery. Tenn. Flower Growers Assoc. and Tenn. Nursery and Landscape Assoc. 18-20 Jan. 2003. Chattanooga, TN. (Poster Presentation)
- Invited **Oliver, J.B.** 2003. General entomology and fire ant update. Tennessee Nursery & Landscape Assoc./Tennessee Flower Growers Assoc. 18-20 Jan. 2003. Chattanooga, TN. (Oral Presentation)
- Invited **Oliver, J.B.**, P.J. Landolt, M. Halcomb, K.M. Vail, and N. Youssef. 2002. Trapping European hornet queens in spring to protect Tennessee nursery stock. Symposium: Behavioral Modification: A Critical Component of Social Insect IPM. 51st Ann. Meeting National Entomol. Soc. Am., 17-20 Nov. 2002. Ft. Lauderdale, FL. (Oral Presentation)
- Oliver, J.B.**, N. Youssef, D.C. Fare, M.A. Halcomb, S. Scholl, W. Klingeman, and P. Flanagan. 2002. Monitoring buprestid borers in production nursery areas, pp. 12-13. *In* G. Haun [ed.], Proc. 29th Ann. Meeting Tenn. Entomol. Soc., 10-11 Oct. 2002, Nashville, TN. (Oral Presentation and Abstract)
- Oliver, J.B.** 2002. Fire ants in Tennessee. Tennessee Green Industry Field Day, Otis L. Floyd Nursery Res. Center, 12 Aug. 2002. McMinnville, TN. (Oral Presentation)
- Klein, M.J., **J.B. Oliver**, J. Moyseenko, and M. Reding. 2002. Insecticide dips and other strategies for elimination of Japanese beetle from balled and burlapped nursery stock, pp. 176-182. *In* J.B. Oliver [ed.], Proc. 47th Ann. Southern Nursery Assoc. Res. Conf. 1-2 Aug. 2002. Atlanta, GA. (Oral Presentation and [Proceeding](#))
- Invited **Oliver, J.B.** 2002. Quarantine pests: Fire ants, Japanese beetle, and the nursery industry. Presentation: Bayer Professional Care, Centers of Influence Meeting for Turf and Ornamental Entomologists, 4-7 Jun. 2002. Atlanta, GA. (Oral Presentation)

Oliver, J.B., D. Bailey, K. Vail, and A.M. Callcott. 2002. Summary of insecticide tests directed at managing imported fire ants in field nurseries, pp. 152-158. *In* D. Suiter and S. Diffie [eds.], Proc. 2002 Red Imported Fire Ant Conf. Georgia Center for Continuing Education, 24-26 March 2002. Athens, GA. (Poster Presentation and [Abstract](#))

Oliver, J. and D. Fare. 2002. Monitoring of flatheaded appletree borer populations to predict timing of pesticide treatments. *In* M.E. Lewis [ed.], Proc. 24th Ann. University-Wide Res. Sympos. Tennessee State University, Nashville, TN. 6-8 Apr. 2002. (Oral Presentation and Abstract)

Oliver, J.B., P. Landolt, M. Halcomb, and K. Vail. 2002. Trapping as a potential tool for the management of European hornet damage to susceptible nursery stock. 76th Ann. Meeting Southeastern Branch Entomol. Soc. Am., 3-6 Mar. 2002. Little Rock, AR. (Oral Presentation)

Invited **Oliver, J.B.** 2002. Fire ant management in nurseries. Presentation: Tennessee Nursery and Landscape Assoc., 20th Ann. Convention and Trade Show, 19 Jan. 2002. Chattanooga, TN. (Oral Presentation)

Invited **Oliver, J.B.** 2002. General entomology. Presentation: Tennessee Nursery and Landscape Assoc., 20th Ann. Convention and Trade Show, 20 Jan. 2002. Chattanooga, TN. (Oral Presentation)

Oliver, J.B. 2001. Overview of Entomology Research Program at Otis L. Floyd Nursery Res. Center. Presented to Southern Nursery Assoc. Board of Directors, Univ. Tenn. Representatives, USDA-ARS, and other green industry representatives. 4 April 2001. McMinnville, TN. (Oral Presentation)

Oliver, J.B. 2001. Update on fire ants – new movement and latest pesticide products and applications. Tenn. Green Industry Field Day, TSU Otis L. Floyd Nursery Res. Center, 14 Aug. 2001. McMinnville, TN. (Oral Presentation)

Oliver, J.B. and C.M. Mannion. 2001. Ambrosia beetles collected from ethanol-baited traps and Chinese chestnut in middle Tennessee, pp. 213-218. *In* C.P. Hesselein [ed.], Proc. 46th Ann. Southern Nursery Assoc. Res. Conf., 2-3 Aug. 2001. Atlanta, GA. (Poster Presentation and [Proceeding](#))

Invited **Oliver, J.B.** 2001. **Two presentations:** 1) Overview of flatheaded appletree borer and European hornet research and 2) Overview of Japanese beetle and fire ant research. Tennessee Department of Agriculture Plant Inspectors' Meeting, TSU Nursery Res. Center, 21 May 2001. McMinnville, TN. (Oral Presentations)

Oliver, J.B., M. Klein, J. Moyseenko, W. McLane, D. Cowan, and C.M. Mannion. 2001. Management of Japanese beetle in commercial nurseries. Scarab Workshop, University of Arizona Maricopa Agriculture Center, 29-30 Mar. 2001. Phoenix, AZ. (Oral Presentation)

Oliver, J. B. 2001. Summary of imported fire ant impact on Tennessee nurseries, p. 38. *In* E.L. Myles [ed.], Proc. 23rd Ann. University-Wide Research Symp., Tennessee State University, 20-21 Mar. 2001. Nashville, TN. (Poster Presentation and Abstract)

Oliver, J.B., and C.M. Mannion. 2000. Ambrosia beetle species attacking chestnut and captured in ethanol-baited traps in Middle Tennessee. 48th Ann. Meeting Nat. Entomol. Soc. Amer. 4 Dec. 2000. Montreal, Canada. (Poster Presentation)

Oliver, J.B. 2000. Update on scarab biological control in Tennessee. Scarab Parasitoid Workshop, Tennessee State University Otis L. Floyd Nursery Res. Center. 6-7 Sep. 2000. McMinnville, TN. (Oral Presentation)

Oliver, J.B. 2000. **Four separate poster presentations** on: 1) Biological control of fire ants, 2) Biology and management of wood-boring beetles, 3) Japanese beetle research, and 4) Update on fire ants - new movement and latest pesticide products and applications. Tennessee Green Industry Field Day, Tennessee State University Nursery Res. Center. 15 Aug. 2000. McMinnville, TN. (Poster Presentations)

Oliver, J.B. 2000. Fire ant research. Tennessee Green Industry Field Day Walking Tour, Tennessee State University Nursery Res. Center. 15 Aug. 2000. McMinnville, TN. (Oral Presentation)

Fare, D.C., C. Mannion, **J. Oliver**, and S. Mullican. 2000. Flatheaded appletree borer infestations on newly planted maple liners, pp. 153-157. *In* C.P. Hesselein [ed.], Proc. 45th Ann. Southern Nursery Assoc. Res. Conf., 3-4 Aug. 2000. Atlanta, GA. (Poster Presentation and [Proceeding](#))

Oliver, J.B., and C.M. Mannion. 2000. Species composition and seasonal incidence of ambrosia beetles attacking chestnut in middle Tennessee and comparison with trapping studies. 75th Ann. Meeting Southeastern Branch Entomol. Soc. Am. 27 Feb. – 1 Mar. 2000. Mobile, AL. (Served as moderator for same session). (Oral Presentation)

Hale, F.A., **J. Oliver**, and C. Mannion. 1999. Insecticide evaluation for control of the Asian ambrosia beetle, *Xylosandrus crassiusculus*, in vitro, pp. 160-162. *In* C.P. Hesselein [ed.], Proc. 44th Ann. Southern Nursery Assoc. Res. Conf., 29-30 July 1999. Atlanta, GA. (Oral Presentation and [Proceeding](#))

Mannion, C. and **J. Oliver**. 1999. Rearing *Tiphia vernalis*, a parasitoid of Japanese beetle, p. 35. *In* N.C. Martin and L. Wiggins-Azimi [eds.], Proc. 21st Ann. University-Wide Res. Sympos. Tennessee State University, 22-23 Mar. 1999. Nashville, TN. (Oral Presentation and Abstract)

Mannion, C.M. and **J.B. Oliver**. 1998. Management of Japanese beetle in nursery crops, p. 47. *In* N.C. Martin and L. Wiggins-Azimi [eds.], Proc. 20th Ann. University-Wide Res. Sympos. Tennessee State University, 23-24 Mar. 1998. Nashville, TN. (Oral Presentation and Abstract)

Oliver, J.B. and M.J. Gaylor. 1996. Seasonal incidence of banded-winged whitefly on weed hosts near cotton and whitefly movement from cocklebur into cotton. Southeastern Branch of the Entomological Society of America, Biloxi, MS. (Ph.D. Student Paper Contest). (Oral Presentation)

Oliver, J.B. and M.J. Gaylor. 1995. Movement of adult banded-winged whitefly into cotton, nymphal (4th instar) population size, and parasitism. Southeastern Branch of the Entomological Society of America. Charleston, SC. (Oral Presentation)

Oliver, J.B., C.D. Pless, and K.D. Gwinn. 1990. Effect of endophyte, *Acremonium coenophialum* in 'Kentucky 31' tall fescue, *Festuca arundinaceae*, on survival of *Popillia japonica*, pp. 173-175. In S.S. Quisenberry and R.E. Joost [eds.], Proc. Internat. Sympos. *Acremonium*/Grass Interactions. 5-7 Nov. 1990. New Orleans, LA. (Poster Presentation and Abstract)

Bernard, E.C., A.M. Cole, **J.B. Oliver**, and K.D. Gwinn. 1990. Survival and fecundity of *Folsomia candida* (Collembola) fed tall fescue tissues and ergot peptide-amended yeast, pp. 125-127. In S.S. Quisenberry and R.E. Joost [Eds.], Proc. Internat. Sympos. *Acremonium*/Grass Interactions. 5-7 November 1990. New Orleans, LA. (Poster Presentation and Abstract)

Oliver, J.B., C.D. Pless, and K.D. Gwinn. 1990. Effect of *Acremonium coenophialum* in Ky-31 tall fescue on immature stages of selected soil insects. Proc. 17th Ann. Meeting Tennessee Entomol. Soc. Nashville, TN. (Oral Presentation and Abstract)

Oliver, J.B. and C.D. Pless. 1990. Effect of endophyte, *Acremonium coenophialum* Morgan-Jones and Gams, in Kentucky-31 tall fescue, *Festuca arundinacea* Schreb., on immature stages of *Popillia japonica* Newman. Southeastern Branch of the Entomological Society of America, Orlando, FL. (Oral Presentation)

Oliver, J.B. and C.D. Pless. 1989. Endophyte presence in tall fescue and its effects on Japanese beetle soil life stages and other grub and wireworm species. Proc. Tennessee Entomol. Soc. Nashville, TN. (Oral Presentation and Abstract)

Oliver, J.B. and C.D. Pless. 1988. Endophyte presence in tall fescue and its effects on Japanese beetle and other grub and wireworm species. 16th Annual Meeting Tennessee Entomol. Soc., Nashville, TN. (Awarded Best Student Oral Presentation).

Fribourg, H.A., A.B. Chestnut, J.B. McLaren, **J.B. Oliver**, and K.D. Gwinn. 1988. State reports of recent progress, pp. 59-63. In Proc., Tall Fescue Toxicosis Workshop, SRIEG-37, Atlanta, GA. (Oral Presentation and Proceeding)

Multi-Year Presentations

Oliver, J.B. 1999, 2000, 2003, 2004, 2005. Entomology and agriculture. Warren County Farm Day, Warren County Farm Bureau. Presentations to all Warren County 3rd grade students.

Oliver, J.B. 2001, 2002, 2003, 2006. Ask the experts exhibit area. Tennessee Green Industry Field Day. Otis L. Floyd Nursery Res. Center, McMinnville, TN.

Oliver, J.B. 2004 (1 Dec.), 2005 (1 Dec.), 2006 (5 Dec.), and 2008 (Oct. 20). Report for Entomology Program research at the Otis L. Floyd Nursery Research Center. Tennessee Nursery Advisory Group. McMinnville, TN. (Oral Presentation and Research Summary Report)

Seminars

Oliver, J.B., N. Youssef, C. Ranger, M. Reding, J. Moyseenko, P. Schultz, S. Ochieng, L. Castrillo, and J. Vandenberg. 2010. Granulate and other ambrosia beetles - research to improve management in Tennessee nurseries. Tennessee State University, School of Agric. & Consumer Sciences. 16 June 2010. TSU Otis L. Floyd Nursery Research Center, McMinnville, TN.

Oliver, J.B., S. Ochieng, M. Halcomb, K. Vail, N. Youssef, F. Mrema, J. Chandler, A. Callcott, X. Wei, and W. Haun. 2009. Status of efforts to develop a new cost effective pre-harvest imported fire ant treatment for field-grown nurseries. Tennessee State University, School of Agric. and Consumer Science. 1 May 2009. TSU Otis L. Floyd Nursery Research Center, McMinnville, TN.

Oliver, J.B., D.C. Fare, M.E. Reding, C.M. Ranger, N.N. Youssef, S.S. Scholl, J.J. Moyseenko, and M.A. Halcomb. 2008. Insecticide management of flatheaded borers in field-grown nurseries. Tennessee State University, Institute of Agric. and Environmental Res. 5 Mar. 2008. TSU Otis L. Floyd Nursery Research Center, McMinnville, TN.

Oliver, J.B., D. Fare, M. Reding, B. Klingeman, N. Youssef, S. Scholl, J. Moyseenko, and M. Halcomb. 2007. Field studies on the biology and management of flatheaded borers in commercial nurseries of middle Tennessee. University of Tennessee, 30 November 2007. Knoxville, TN. (Seminar for consideration as Adjunct Faculty. Subsequently approved March 2008).

Oliver, J.B., M. Reding, S. Ochieng, S. James, A. Callcott, M. Halcomb, N. Youssef, C. Ranger, J. Moyseenko, and K. Vail. 2007. Insecticide band treatments for imported fire ants and Japanese beetle. Tennessee State University, Institute of Agric. and Environmental Res. 27 Feb. 2007. TSU Otis L. Floyd Nursery Research Center, McMinnville, TN. (Abstract)

Oliver, J.B., D.C. Fare, N.N. Youssef, S. Scholl, M.A. Halcomb, M.E. Reding, and J.J. Moyseenko. 2006. Ecology of flatheaded borers: implications for successful management in the nursery and landscape. Tennessee State University, Institute of Agric. and Environmental Res. 22 Feb. 2006. Nashville, TN. (Abstract)

Invited

Oliver, J.B., S. Ochieng, and M.T. Mmbaga. 2005. Entomology research related to agromedicine at the Tennessee State University Otis L. Floyd Nursery Research Center. North Carolina A&T and 1890 Agromedicine Alliance. 26 Oct. 2005. Greensboro, NC.

Oliver, J.B. and Nadeer N. Youssef. 2005. Evaluation of multiple traps and ethanol lures for effectiveness at monitoring Asian and other species of ambrosia beetle near commercial nurseries. Spring 2005 Seminar Series. Tennessee State University, Institute of Agric. and Environmental Res. 9 Mar. 2005. McMinnville, TN. (Abstract)

Mmbaga, M.T. and **J. Oliver**. 2004. Evaluation of biorational products for foliage diseases and insect pest management in roses and photinia. Fall 2004 Seminar Series. Tennessee State University, Institute of Agric. and Environmental Res. 4 Nov. 2004. Nashville, TN.

(Abstract)

Oliver, J.B. 2004. Update on entomology research at the TSU Nursery Research Center. Spring Semester 2004 Seminar Series. Tennessee State University, Institute of Agric. and Environmental Res. 17 Mar. 2004. McMinnville, TN.

Oliver, J.B. 2001. Management of Japanese beetle and fire ants in commercial nurseries. Presentation: CARP Seminar Series, Tennessee State University Nursery Res. Center. 4 Apr. 2001. McMinnville, TN.

Oliver, J.B. 2001. Entomology component of Environmental Protection and Enhancement Team. CARP Seminar Series. Tennessee State University, 5 Dec. 2001. Nashville, TN.

Oliver, J.B., and C. M. Mannion. 2000. Management of Japanese beetle in nursery crops. Presentation: CARP Seminar Series, Tennessee State University Nursery Res. Center. 15 Mar. 2000. McMinnville, TN.

Oliver, J.B., and C. M. Mannion. 2000. Species composition and seasonal abundance of ambrosia beetles attacking chestnut in middle Tennessee and comparison with trapping studies. CARP Seminar Showcase, 13-14 Dec. 2000. Nashville, TN.

Oliver, J.B. 2000. Weed species utilization, parasitism, and management of banded-winged whitefly. CARP Seminar Series, Tennessee State University Nursery Res. Center. 15 Mar. 2000. McMinnville, TN.

Mannion, C. and **J. Oliver**. 1999. Entomology program and Japanese beetle research. CARP Seminar Series, Tennessee State University Nursery Res. Center, 10 Mar. 1999. McMinnville, TN. (Abstract)

Oliver, J.B. and M.J. Gaylor 1999. Weed host and parasitoid interactions of *Trialeurodes abutilonea* (Haldeman) in the cotton agroecosystem. Department of Entomology, Auburn University, Auburn, AL. (Doctoral Defense Seminar)

Oliver, J.B. and C.M. Mannion. 1999. Management of Japanese beetle in nursery crops. Tennessee State University, Cooperative Agricultural Research Program, Nashville, TN.

Oliver, J.B. 1997. Research with the bandedwinged whitefly and Japanese beetle. TSU Nursery Research Center, McMinnville, TN. (Interview Seminar for Research Associate Position at TSU)

Oliver, J.B. and M.J. Gaylor. 1995. Weed hosts and parasitoids of the bandedwinged whitefly (*Trialeurodes abutilonea* [Haldeman]) and their effects on whitefly populations in and around cotton. Department of Entomology, Auburn University, Auburn, AL.

Oliver, J.B. and C.D. Pless. 1993. Effect of endophyte-infected tall fescue on the Japanese beetle and other selected soil insects. Department of Entomology, Auburn University, Auburn, AL.

Oliver, J.B. and C.D. Pless. 1990. Effect of endophyte-infected tall fescue on the Japanese beetle and other selected soil insects. Department of Entomology and Plant Pathology, The University of Tennessee, Knoxville, TN. (Master's Defense Seminar)

Oliver, J.B. 1989. Influence of selected allelochemicals on the pathogenicity of *Bacillus thuringiensis* Berliner against *Manduca sexta* (L). Department of Entomology and Plant Pathology, The University of Tennessee, Knoxville, TN.

Oliver, J.B. 1988. Resistance of soil insects to insecticides: western corn rootworm, *Diabrotica virgifera*, as a model. Department of Entomology and Plant Pathology, The University of Tennessee, Knoxville, TN.

9. TEACHING EXPERIENCE

Ph.D. Thesis Committee Member, Jason Hansen, University of Tennessee. 2006-2010.

Master Thesis Committee Member, Peter Nveawiah-Yoho, Tennessee State University. 2005 – 2006.

Teaching Assistant, 1996, ENT 502 (Economic Entomology), Auburn University, Responsibilities included laboratory instruction; test and project grading.

Teaching Assistant, 1994, 1995, ENT 204 (Insects), Auburn University; Responsibilities included test and project grading. Guest lecture on integrated pest management.

Teaching Assistant, 1993, ENT 304 (General Entomology), Auburn University; Responsibilities included laboratory assistance.

Teaching Intern, 1989, ENT 512 (Field Crops & Vegetable Insects), The University of Tennessee, Knoxville; Responsibilities included laboratory assistance.

10. PROFESSIONAL TRAINING AND WORKSHOPS

Utilizing video in extension programming. Michael Shirley and Jonell Hinsey. Univ. of Tenn. and Tenn. State Univ. Rutherford County Extension Office, Murfreesboro, TN. Dec. 10, 2010.

The art of growing dogwoods in containers. Sponsored by Univ. Tennessee and USDA-ARS National Arboretum. Otis L. Floyd Nursery Research Center, McMinnville, TN. Nov. 18, 2010.

Incident Command System for Single Resource and Initial Action Incidents. Emergency Management Institute. FEMA. U.S. Dept. of Homeland Security. Independent Study Online Course ICS-200. June 18, 2010.

Introduction to the Incident Command System. Emergency Management Institute. FEMA. U.S. Dept. of Homeland Security. Independent Study Online Course ICS-100 for Higher Education. June 14, 2010.

Planning and Managing Systems Based Trans-Disciplinary Projects for USDA/NIFA Programs. 10 Dec. 2009. Ithaca, NY (Attended by webcast).

Tennessee State University Preventing Sexual Harassment. Office of Equity, Diversity, and Compliance. Online Training Module. Sept. 1, 2009.

Responsible Conduct of Research / RSP Policies and Procedures. Tennessee State University Division of Research and Sponsored Programs Workshop. Faculty / Staff Institute Fall 2009. Aug. 24, 2009. Nashville, TN.

Tennessee State University, School of Agriculture and Consumer Sciences, Small Farm Expo / Small Farmer Recognition Program. 31 July, 2009. Ashland City, TN. Attendee.

Grant Proposal Submission Workshop. Tennessee State University Division of Research and Sponsored Programs. April 17, 2009. McMinnville, TN (via conference link).

Exceptional Customer Service with a Smile. Tennessee State University, Office of Human Resources. Apr. 3, 2009. McMinnville, TN.

Effective Management of Student Conduct. Tennessee Board of Regents Online Training Module. Dec. 5, 2008. McMinnville, TN.

Strategic Planning Workshop. Tennessee State University. School of Agriculture and Consumer Sciences. Nov. 17, 2008. Nashville, TN.

Introduction to SAS 9.2 Statistical Graphics SGProcs, Part I. Biometrical Consulting Service. 30 September 2008. Beltsville, MD. Attended via video conference link at McMinnville, TN.

Tennessee State University, Cooperative Extension Program, Tennessee Small Farms Expo & Small Farmer Recognition Program. 8 Aug. 2008. Ashland City, TN.

Hazard Communication / Right-to-Know Training. Tennessee State University. 26 June 2008. Nashville, TN

Attended and participated in USDA-APHIS and Tennessee Department of Agriculture meeting with Tennessee Nursery Advisory Group (1 Aug. 2007) and all day inspector training and grower stakeholder meeting (2 Aug. 2007)

U.S. Department of Homeland Security. Workshop for Minority Serving Institutions: Awareness Access Opportunity. Tennessee State University. 6 Dec. 2007. Nashville, TN.

Tennessee State University, Research and Sponsored Programs Grants.gov Workshop. 8 June 2007. Nashville, TN.

Tennessee State University, Research and Sponsored Programs Developing Grant Proposal Budgets Workshop. 20 July 2007. Nashville, TN.

American Heart Association Heartsaver AED Training. Multi-Regional LifeGuard Medical Solutions, 19 Jan. 2007. Otis L. Floyd Nursery Research Center, McMinnville, TN.

Workshop on Spatial Statistics for Agricultural and Environmental Research Applications. USDA-ARS Beltsville, MD (participated via internet conference connection). 15-16 March 2006

Federal Framework for Balancing Agriculture and the Environment. Opportunities for Collaboration. EPA Region 4, Natural Resources Conservation Service, and USDA CSREES. 6 Dec. 2005. Atlanta, GA.

Bayer Environmental Science Lawn & Ornamental Insect Summit. 15-17 Sep. 2005. Traverse City, MI.

Hiring Manager Training. Tennessee State University Human Resources. 24 Aug. 2005. Nashville, TN.

Short Course: Getting to know ArcGIS Desktop: Basics of ArcView, ArcEditor, and ArcInfo. Tennessee State University. 6-7 Jul. 2005. Nashville, TN.

National Pink Hibiscus Mealybug Survey Distance Education Teleconference. National Plant Diagnostic Network, North Central IPM Center, and USDA-APHIS. 15 Jun. 2005. McMinnville, TN.

The Empowered User Team Effectiveness. Tennessee State University. Management Solutions Group, LLC. 9 Sep. 2004. Nashville, TN.

Supervising the Empowered User. Tennessee State University. Management Solutions Group, LLC. 10 Aug. 2004. Nashville, TN.

Introduction to Research and Sponsored Programs Policies and Procedures. Division of Research and Sponsored Programs. 23 Jun. 2004. Nashville, TN.

Introduction to ARCGIS I (for ArcView 8, ArcEditor 8, and ArcInfo 8). ESRI 10-11 Mar. 2004. Mississippi State University, Starkville, MS.

Introduction to Global Positioning Systems Training Course. LandMark Systems Inc., Warner Robbins, GA. 9 Dec. 2003.

Accessibility, Accountability, Responsibility, and Time Management, Professional Ethics, and Working Effectively as a Team Member. Tennessee State University, CARP Management Series II Workshop. 22-25 Jul. 2002. Pigeon Forge, TN.

USDA National Research Initiative Competitive Grants Program, Northeastern Regional Workshop on Competitive Grants Programs. 2001. Syracuse, NY.

Introduction to Risk Analysis: A Shortcourse. Hosted by TSU and USDA, Tennessee State University. 29 May – 1 Jun. 2001. Nashville, TN.

Creating a Fire Ant Free Zone. Symp. for Res. Specialists. GardenTech Inc., 7-8 Nov. 2001. Orlando, FL.

Field Weed Control Meeting. University of Tennessee. 20 Sep. 2001. McMinnville, TN.

Imported Fire Ant Workshop, The University of Tennessee, 2000, Tellico Plains, TN.

The Team Building Approach Managing Change in the Research Environment. Tennessee State University, CARP Employee Management Series I Workshop. 12-14 May 1999. Gatlinburg, TN.

Insects of Ornamental Plants Diagnostic Workshop; Ornamental Plant Disease Workshop; Tenn. Nursery & Landscape Assoc. Short Course, Gatlinburg, TN. 1998, 1999.

USDA National Research Initiative Competitive Grants Program, Southern Regional Grants Workshop, 1995, Atlanta, GA.

University of Florida/USDA-APHIS-PPQ. Sweetpotato Whitefly Parasitoid Workshop, 1995, Tallahassee, FL.

Commercial Pesticide Applicator Certification; Ornamental and Turf; Demonstration, Research and Regulatory; Tennessee Department of Agriculture.

Beltsville Symposium XVIII Pest Management: Biologically Based Technologies. USDA-ARS. 2-6 May 1993. Beltsville, MD.

Oak Ridge National Laboratory, OSHA Hazardous Waste Operations. 20-22 May 1991. Oak Ridge, TN.

Pest Control Technicians School, Agricultural Extension Service/Tennessee Pest Control Association. 28-30 Nov. 1989. Knoxville, TN.

Forestry Pesticide Training, U.S. Department of Agriculture Forest Service, 31 Mar. – 1 Apr. 1986. Knoxville, TN.

Fish Health Short Course, U.S. Fish & Wildlife Service. 13 Dec. 1986. Knoxville, TN.

11. GRANTSMANSHIP **Since Assuming Lead Role of Entomology Program in 2001:
\$743,088 (Principal Investigator) / \$526,748 (Co-Investigator)**

Pending Grants

Oliver, J., J. Wang, P. Schultz, C. Ranger, M. Reding, and A. Bray. 2010. An integrated approach for the management of invasive ambrosia beetles in nursery crops. USDA-NIFA Regional Integrated Pest Management Competitive Grants Program Southern Region. Submitted 22 Nov. 2010. \$160,000

Oliver, J. and D. Fare. 2010. Evaluating reduced rates of imidacloprid for long-term flatheaded borer management in field-grown nurseries. J. Frank Schmidt Family Charitable Foundation. Submitted 23 August 2010. \$10,000

Grants, Unrestricted Research Gifts, and USDA Cooperative Agreements

Oliver, J.B. and C.M. Ranger. 2010. Identification of factors predisposing woody ornamentals to ambrosia beetle attack. USDA-ARS Specific Cooperative Agreement. August 2010. Supplement: \$40,000.

Oliver, J.B., S. Ochieng, and C.M. Ranger. 2010. Tree injection and other methods to improve trapping of buprestid, cerambycid, and scolytid borers. USDA-APHIS. August 2010. Cooperative Agreement Renewal \$44,000

Mmbaga, M., **J.B. Oliver**, and S. Ochieng. 2010. Alternatives to conventional pesticides in disease and pest management in nursery production system. USDA Capacity Building Program. \$200,000. (J. Oliver Co-PI part - 10% salary support)

Oliver, J.B. and S. Ochieng. 2009. Development of new methods and treatments to certify field-grown nursery plants against imported fire ants. 31 October 2009. \$29,972.

- Oliver, J.B.**, S. Ochieng, and C.M. Ranger. 2009. Tree injection and other methods to improve trapping of buprestid, cerambycid, and scolytid borers. USDA-APHIS. August 2009. \$100,000 (with possibility of renewal for 2 more years)
- Oliver, J.B.**, N. Youssef, and M. Halcomb. 2009. Evaluation of Kontos (spirotetramat) for potato leafhopper and nursery insect control. Bayer Environmental Science. Unrestricted gift. 19 June 2009. \$5,550
- Oliver, J.B.** and C.M. Ranger. 2009. Identification of factors predisposing woody ornamentals to ambrosia beetle attack. USDA-ARS Specific Cooperative Agreement. March 2009. Supplement: \$39,024.
- Gawel, N., **J.B. Oliver**, and S.A. Ochieng. 2009. Evaluation of production practices, disease resistance and insect control measures for nursery crops. Specific Cooperative Agreement No. 1230-21000-042-04S. 26 March 2009. \$60,000.
- Oliver, J.B.** and C.M. Ranger. 2008. Identification of factors predisposing woody ornamentals to ambrosia beetle attack. USDA-ARS Specific Cooperative Agreement. September 2008. \$23,100.
- Callcott, A.M. and **Oliver, J.B.** 2008. Cooperative research funds provided to purchase research plants in Tennessee by USDA-APHIS PPQ Soil Inhabiting Pests Section, Gulfport, MS. 10 Sept. 2008. \$2,016.
- Ranger, C.M. and **Oliver, J.B.** 2008. Cooperative research funds provided to purchase research plants used in Tennessee from USDA-ARS Horticultural Insects Research Laboratory, Wooster OH. September 2008. \$5,632.
- Oliver, J.B.** 2008. Development of pre-harvest pyrethroid treatments for imported fire ant management in field-grown nursery stock. Middle Tennessee Nursery Association. 17 June 2008. \$2,500.
- Oliver, J.B.** 2008. Evaluation of Safari 20SG and Safari 2G for control of potato leafhopper in field-grown nurseries applied at 0.54 lb ai / acre as a banded application. Valent USA Corporation. 15 May 2008. \$2,000.
- Oliver, J.B.** and D. Fare. 2008. Physiological affects of imidacloprid in prevention of stress in woody ornamental plants. Bayer Environmental Science. 8 January 2008. \$12,000.
- Oliver, J.B.**, S.A. Ochieng, and M.A. Halcomb. 2007. Bifenthrin band and broadcast treatments to manage imported fire ants in field nursery. Middle Tennessee Nursery Association. 22 October 2007. \$2,500.
- Oliver, J.B.**, S. Ochieng, M.A. Halcomb, A. Callcott, and K. Vail. 2007. Pyrethroid band treatments to certify field nursery stock against imported fire ant. Horticultural Research Institute. 25 January 2007. \$20,000.

Oliver, J.B. and S. Ochieng. 2007. Development of treatments to manage quarantine insects in field nursery plants. USDA-ARS Cooperative Agreement No. 58-1230-2-036. \$39,025.

Oliver, J.B., D.C. Fare, M. Reding, N. Youssef, S. Scholl, and J. Moyseenko. 2006. Evaluation of clothianidin against flatheaded borers, potato leafhopper, and maple tip moth in field-grown nurseries. Arysta LifeScience North America Corporation. 26 October 2006. Unrestricted Gift. \$2,000

Oliver, J.B., D.C. Fare, M. Reding, N. Youssef, S. Scholl, and J. Moyseenko. 2006. Evaluation of thiamethoxam against flatheaded borers, potato leafhopper, and maple tip moth in field-grown nurseries. Syngenta Crop Protection, Inc. 25 October 2006. Unrestricted Gift. \$3,000

Oliver, J.B., D.C. Fare, M. Reding, N. Youssef, S. Scholl, and J. Moyseenko. 2006. Evaluation of dinotefuran against flatheaded borers, potato leafhopper, and maple tip moth in field-grown nurseries. Valent U.S.A. Corporation. 16 September 2006. Unrestricted Gift. \$2,000

Oliver, J.B., D.C. Fare, M. Reding, N. Youssef, S. Scholl, and J. Moyseenko. 2006. Evaluation of Discus and Marathon 60WP against Japanese beetle, flatheaded borers, potato leafhopper, and maple tip moth in field-grown nurseries. OHP, Inc. 14 September 2006. Unrestricted Gift. \$4,000

Oliver, J.B., M. Reding, N. Youssef, and J. Moyseenko. 2006. Evaluation of thiamethoxam against Japanese beetle in field-grown nurseries. Syngenta Crop Protection, Inc. 26 July 2006. Unrestricted Gift. \$2,000

Rashid, T., K. Vail, J.P. Parkman, and **J. Oliver**. 2006. Susceptibility of imported fire ants, *Solenopsis* spp., to insecticides applied to nursery root balls through a drip irrigation system. Horticultural Research Institute. 5 January 2006. \$14,000.

Oliver, J.B., M.E. Reding, J. Moyseenko, and N. Youssef. 2005. Evaluation of Discus for Japanese beetle in nurseries – summer 2005. OHP, Inc. 13 December 2005. Unrestricted Gift. \$4,000

Oliver, J.B., M.E. Reding, J. Moyseenko, and N. Youssef. 2005. Evaluation of clothianidin for Japanese beetle in nurseries – summer 2005. Arysta LifeScience North America Corporation. 3 August 2005. Unrestricted Gift. \$2,500

Oliver, J.B., M.E. Reding, J. Moyseenko, and N. Youssef. 2005. Evaluation of dinotefuran for Japanese beetle in nurseries – summer 2005. Valent U.S.A. Corporation. 1 August 2005. Unrestricted Gift. \$1,000

Oliver, J.B., M. Klein, J. Moyseenko, and N. Youssef. 2004. Marathon and Discus for management of early instar Japanese beetle larvae in field nurseries. Olympic Horticultural Products, Inc. 19 October 2004. Unrestricted Gift. \$3,000.

- Oliver, J.B.**, V. Mastro, N. Youssef, J. Francese, and D. Lance. 2004. Development of trapping plans for emerald ash borer – year 2. USDA-APHIS. 10 June 2004. \$24,295. (Supplement to USDA-APHIS Grant Received May 1, 2004 [see below]).
- Oliver, J.B.**, G. Haun, K. Vail, N. Youssef, T. Rashid, and S. Powell. 2004. Survey for red, black, and hybrid fire ants in Tennessee. Tenn. Dept. Agric. 21 Jan. 2004. \$27,335.
- Oliver, J.B.**, M. Klein, J. Moyseenko, N. Youssef, and J. Higgins. 2004. Precise acephate nursery field trial against Japanese beetle. Pursell Technologies, Inc. 29 Jan. 2004. \$1,500.
- Oliver, J.B.**, M. Klein, J. Moyseenko, and N. Youssef. 2004. Flagship for management of Japanese beetle larvae in field nurseries. Syngenta Crop Protection, Inc. 20 May 2004. \$5,500.
- Oliver, J.B.** and S. Dennis. 2003. Alternative field nursery stock quarantine treatments for imported fire ant and Japanese beetle as substitutes for chlorpyrifos. USDA-CSREES Pest Management Alternatives Program. 15 September 2003. \$200,000.
- Oliver, J.B.**, V. Mastro, D. Lance, N. Youssef, J. Francese, and S. Lavalley. 2003. Development of trapping methods to collect emerald ash borer – 3 year plan. USDA-APHIS. 21 April 2003. \$48,169
- Oliver, J.B.**, M. Klein, J. Moyseenko, N. Youssef, and W. Bachman. 2003. Efficacy of Flagship 25WG against insects when applied at band-width rates to nursery plants. Syngenta Crop Protection, Inc. \$5,500.
- Oliver, J.B.**, M. Klein, J. Moyseenko, N. Youssef, and J. Dobbs. 2003. Marathon (imidacloprid) Japanese beetle field test – summer 2003. Olympic Horticultural Products, Inc. 11 Sept. 2003. \$3,000.
- Oliver, J.B.**, L. Thead, and J. Vogt. 2003. Release and establishment of phorid flies in southern Tennessee – Supplement to 2002 Cooperative Agreement. USDA-ARS. 19 Sept. 2003. \$8,290.
- Youssef, N.N. and **J.B. Oliver**. 2002. Evaluation of botanical compounds for repellence to adult Japanese beetle. Tennessee Nursery and Landscape Association. 27 Dec. 2002. \$1,000.
- Gawel, N. and **J.B. Oliver**. 2002. Imported fire ant control. Tennessee Department of Agriculture. 1 February 2002. \$135,000.
- Oliver, J.B.**, D. Fare, J. Atland, and W.E. Klingeman. 2002. Species of flatheaded borer impacting the ornamental industry and a method to survey borer activity within field nurseries. Horticultural Research Institute. 12 Dec. 2002. \$16,000.

Oliver, J.B., D.C. Fare, and W.E. Klingeman. 2002. Flatheaded borers of Middle Tennessee: Species responsible for damage to production nursery and a method to survey for activity within nurseries. Tennessee Nursery & Landscape Association. \$1,500.

Oliver, J.B., M. Klein, A.M. Callcott, J. Moyseenko, N. Youssef, S. Martiniere. 2002. Evaluation of Precise acephate for control of third instar Japanese beetle grubs and fire ants. Pursell Technologies, Inc. 28 Aug. 2002. Unrestricted Gift. \$2,000.

Callcott, A.M. and **Oliver, J.B.** 2002. Cooperative research funds received from USDA-APHIS PPQ Soil Inhabiting Pests Section, Gulfport, MS. 3 Sept. 2002. \$2,000.

Oliver, J.B. and J.T. Vogt. 2002. Cooperative agreement to release *Pseudacteon curvatus* and monitor for establishment in middle Tennessee. 24 Sept. 2002. \$9,878.

Oliver, J.B., M. Klein, J. Moyseenko, N. Youssef, and J. Dobbs. 2002. Marathon for control of Japanese beetle with or without Suffusion surfactant. Olympic Horticultural Products, Inc. 13 Sept. 2002. Unrestricted Gift. \$1,500.

Oliver, J.B., M. Klein, A.M. Callcott, J. Moyseenko, N. Youssef, and D. Shepard. 2002. Evaluation of Flagship 25WG and Scimitar GC for control of Japanese beetle grubs and fire ants. Syngenta Crop Protection, Inc. 29 Oct. 2002. Unrestricted Gift. \$2,500.

Mmbaga, M. and **Oliver, J.B.** 2001. Biorational products for powdery mildew and insect pest management in nursery crops. U.S. Environ. Prot. Agency Region 4 Strategic Agric. Initiative. \$100,000

Oi, D., D.F. Williams, J. Briano, **J. B. Oliver**, and R. Pereira. 2001. Infectivity and impact of the fire ant pathogen *Thelohania solenopsae* to black and hybrid imported fire ants from Tennessee. USDA-APHIS National Biological Control Institute Implementation Grant. \$5,600

Oliver, J.B. and D. Oi. 2001. Infectivity and impact of the fire ant pathogen *Thelohania solenopsae* to black and hybrid imported fire ants from Tennessee. Tennessee Nursery & Landscape Assoc. \$1,500

Oliver, J.B., G. Haun, and A.-M. Callcott. 2001. Seasonal phenology of fire ant mating flights within middle Tennessee nursery production region. Tennessee Nursery & Landscape Assoc. \$1,500.

Klingeman, W.E., **J.B. Oliver**, and P.C. Flanagan. 2001. Managing whitefringed rootworms in Tennessee nursery field soils. Tennessee Nursery & Landscape Association. \$1,500.

Oliver, J.B. and C.M. Mannion. 1998. Seasonal incidence of Asian ambrosia beetle, *Xylosandrus crassiusculus* (Motschulsky), and other ambrosia beetle species in Middle Tennessee. Tennessee Nursery and Landscape Association. 29 Dec. 1998. \$1,000.

Oliver, J.B. and M.J. Gaylor. 1993. Weed hosts of the banded-winged whitefly and weed effects on whitefly populations in and around cotton. The Alabama Cotton Commission and the State Support Committee. 5 Nov. 1993. \$6,000.

Significant Equipment Purchased for Tennessee State University

Nissan Frontier with crew cab (2004 model): \$16,000.

GMC Chevy Yukon Suburban (1993 model): \$5,000.

Two LandMark GPS Systems: \$11,265.

Minolta Portable Spectrophotometer: \$7,465.

Bioquip Insect Museum Cabinets and Specimen Drawers: \$7,302.

12. MISCELLANEOUS PUBLICITY AND IMPACTS / SERVICE TO STAKEHOLDERS

Shute, M.E. and M. Thompson. 2007. Tennessee State University Research Horizons 2005 Annual Report. Division of Sponsored Research and Programs. Nashville, TN. Publ. No. TSU-06-0011(B)-3-225015. (Imported fire ant research program at Tennessee State University highlighted in this issue). - [Weblink \(note: this is a large file ~ 325 MB\)](#)

Hansen, J. and N. Youssef. 2007. Unraveling the mysteries of the wood-boring beetle species complex. Tennessee GreenTimes. 8: 20-23. (**Cited in the article for importance in developing new purple trap monitoring tool for flatheaded borers and for cooperation with UT and USDA**)

Flores, A. and J. Core. 2004. Putting out the fire ARS sets up regional programs to combat imported fire ants. Agricultural Research. December 2004: 12-14. (**Cooperative fire ant research with USDA-ARS cooperators at Tennessee State University highlighted in this issue**). - [Weblink](#)

Gunn, S. 2004. City wins \$25,000 in fire ant contest. Winchester Tennessee Herald Chronicle Newspaper article. 27 January 2004. (**Oliver credited for involvement in educational program that facilitated John Ferrell [TSU Cooperative Extension] and City of Winchester in receiving \$25,000 Fire Ant Contest Award sponsored by GardenTech Inc.**). - [Weblink to Archives](#)

Letter of appreciation from Gray Haun (Plant Certification Administrator, Tennessee Department of Agriculture) for establishment of the imported fire ant phorid-decapitating fly parasitoid, *Pseudacteon curvatus*, in the state of Tennessee (5 January 2004).

News releases documenting the importance of purple colored traps for monitoring of the nationally important emerald ash borer. Traps were developed cooperatively by USDA-APHIS and Tennessee State University through a USDA-APHIS Specific Cooperative Agreement:

- 1) Press release from Illinois Department of Agriculture indicating purple-colored traps now the focus for emerald ash borer detection. - [Weblink](#)

2) State of Michigan press release describing their participation in new Nationwide emerald ash borer trapping program using purple traps (trap program is direct result of research performed by TSU entomology program and USDA colleagues) - [Weblink](#)

3) Emerald ash borer survey and eradication update website of the Maryland Department of Agriculture, which gives multiple reports of purple colored traps leading to new emerald ash borer detections in Maryland. - [Weblink](#)

13. COMPUTER EXPERIENCE

Typing Speed: 55 words per minute

Microsoft Office (Excel, PowerPoint, and Word), SAS 9.1, Sigma Plot 10.0, WordPerfect, ArcView 9.1, SoloField CE 3.2 GPS Field Mapping, Specware 6.01 Weather Datalogger Software, Spectra Magic 3.61 Portable Spectrophotometer Software, Microsoft Outlook, Internet Explorer, Adobe Acrobat and Photoshop

14. LABORATORY AND FIELD EQUIPMENT EXPERIENCE

LandMark Systems Global Positioning Unit (skills include mapping, waypoint navigation, and experimental plot layout).

Minolta CM-2600d Spectrophotometer (Portable)

Newport Spectra-Physics xenon light system and band pass filters. System presently on-loan to USDA-APHIS Otis Pest Survey, Detection, and Exclusion Laboratory for testing color perception in emerald ash borer by electroretinogram.

Spectrum Watchdog Dataloggers and Temp100K Units (Light, temperature, rainfall, humidity)

General Laboratory Equipment: Dissecting and compound microscopes, ovens, soil sterilizer, Percival Scientific growth chambers, freeze dryer, autoclave, electronic scales, digital calipers, micropipeters, leaf area meters, digital cameras, etc.

John Deere 770 Tractor with tiller and brush cutter; John Deere 640 Tractor with mechanical planter, pallet forks; Kubota 8410 Tractor with sprayer, herd spreader, and brush cutter.

Drip irrigation, black line/spaghetti emitters, spray stakes, irrigation bags

CO₂ and Pump operated backpack sprayers

Bobcat Skidsteer – Proficient with mechanical tree spade (i.e., several thousand trees harvested for field tests), pallet, and bucket attachments. Periodic usage of auger and trenching attachments. Also experience in booming and moving heavy equipment.

General Field Equipment: John Deere and other brand lawn mowers, weed eaters, farm gates, Gandy drop spreader, Herd spreader, various chest and push spreaders, gas powered pumps, electric pumps, roller pumps, tractor sprayers, shop equipment like drills and cutting implements, etc.