

John D. Hopkins

Assistant Professor
University of Arkansas, Cooperative Extension Service



Current Appointment: 100% Extension

Education

Ph.D.	University of Arkansas	1983	Entomology
M.S.	Clemson University	1980	Entomology
B.S.	Clemson University	1976	Microbiology

Professional Experience

University of Arkansas, Division of Agriculture, Cooperative Extension Service		
Assistant Professor / Extension Entomologist		2002-present
Urban Specialist II / Insecticide Testing Coordinator		1999-2002
Rhone-Poulenc Ag Company, Inc.		
Senior Technical Services Representative		1997-1999
Senior Field Development Representative		1994-1997
Field Research and Development Representative III		1986-1994
Union Carbide Agricultural Products Company, Inc.		
Field Research and Development Representative II		1983-1986

Awards and Honors

Nominated for TEAM Extension Excellence Award - the Innovation Award for development of the Green Industry Spring Tune-Up 2005 CD. 2005. University of Arkansas Cooperative Extension Service.

“Friend of Edisto” Award for Service and Support to Research and Extension. 1997. Faculty and Staff of Clemson University Edisto Research & Education Center.

Areas of Research/Extension Specialization

The Extension Urban Entomology Program in Arkansas is quite diverse. Focus areas include education of homeowners, agriculturists, youth, the professional pest control industry, the professional landscape, turf, and nursery industries, through cooperative efforts with USDA-APHIS-PPQ, Arkansas State Plant Board, Arkansas Department of Health, Arkansas Department of Education, as well as Extension Horticulture, Plant Pathology, Weed Science, and Wildlife Biology. Program goals are achieved through county and state educational programs such as demonstrations, applied research, education booths, organized abatement demonstrations, presentations, publications, newsletters, web pages, in-service training of county faculty, news releases, and insect identification services. Specific areas addressed by this program include: 1) Development of training materials for individuals trying to become certified commercial and non-commercial pesticide applicators in the areas regulated by the Arkansas State Plant Board, 2) Assessment of current pest control practices and awareness of integrated pest management in the state public schools, 3) Evaluation of termiticides and awareness promotion of threat posed by possible introduction of the Formosan Subterranean Termite to Arkansas, 4) Training in conjunction with the Arkansas State Plant Board to educate Arkansans regarding the risks from Africanized honey bees (AHBs) and to educate them as to the proper safety precautions if AHBs are encountered, 5) Youth outreach through various 4-H program activities.

Publications

Authored or coauthored more than 125 refereed and extension publications.

Selected Publications

- Loftin, K., J. Hopkins, J. Gavin, and D. Shanklin. 2003. Evaluation of broadcast applications of various contact insecticides against red imported fire ants, *Solenopsis invicta* Buren. *J. Agric. Urban Entomol.* 20: 151-156.
- Hopkins, J.D., and A.J. Mueller. 1984. Efficiency of the Ouchterlony gel diffusion test in detecting bean pod mottle virus infection in soybean. *Environ. Entomol.* 13:1135-1137.

- Hopkins, J.D., and A.J. Mueller. 1984. Effect of bean pod mottle virus on soybean yield. *J. Econ. Entomol.* 77:943-947.
- Hopkins, J.D., and A.J. Mueller. 1983. Distribution of bean pod mottle virus in Arkansas soybean as related to the bean leaf beetle, *Cerotoma trifurcata*, (Coleoptera: Chrysomelidae) population. *Environ. Entomol.* 12:1564-1567.

Selected Extension Publications

- Hopkins, J., J. L. Wallace and K. J. Combs. 2005. Emerald Ash Borer: A Potential Pest of Ash Trees in Arkansas. FSA7066.
- Hopkins, J., and J. A. Robbins. 2005. Asian Ambrosia Beetle. FSA7064.
- Hopkins, J., G. E. Stuebaker, E. Levi and M. Stoll. 2005. Africanized Honey Bees: How to Bee-Proof Your Home. FSA7067.
- Hopkins, J., G. E. Stuebaker, E. Levi and M. Stoll. 2005. Africanized Honey Bees: What You Should Know. FSA7068.
- Hopkins, J., G. E. Stuebaker, E. Levi and M. Stoll. 2005. Preparing Schools for Africanized Honey Bees. FSA7070.
- Hopkins, J., K. M. Loftin, G. E. Stuebaker, E. Levi and M. Stoll. 2005. Africanized Honey Bees and Your Pets and Livestock. FSA7069.
- Hopkins, J. D. 2004. Termite and Other Structural Pest Control. University of Arkansas Cooperative Extension Service. Little Rock, Arkansas. MP441.
- Hopkins, J. D. and R. McPeake. 2004. Household Pest and Rodent Control. J.D. Hopkins (ed.). University of Arkansas Cooperative Extension Service. Little Rock, Arkansas. MP442.
- Hopkins, J. D., R. McPeake, S. Vann and J. Boyd. 2004. Ornamental, Tree, and Turf Pest Control. J.D. Hopkins (ed.). University of Arkansas Cooperative Extension Service. Little Rock, Arkansas. MP444.
- Hopkins, J. D. 2003. Subterranean Termite Identification and Biology. FSA7061.
- Hopkins, J. D., and D. R. Johnson. 2003. Termite Prevention and Control Methods. MP440.
- Hopkins, J. D., M. V. Meisch and K. M. Loftin. 2002. Mosquito Control Around the Home and in Communities. FSA7059.

Contracts and Grants

During the period 2000-2005, project director or co-investigator on 2 grants and 5 contracts totaling \$71,856. Funding sources include: US EPA through ASPB, USDA CSREES Integrated Research, Education, and Extension Competitive Grants Program, Final Feast, Inc., Bayer Crop Science, Bayer-Purcell LLC, and BASF Corporation. In addition, a USDA APHIS PPQ CAPS proposal is pending approval with a funding support level of \$15,304.00.

Professional Service

- Entomological Society of America, SEB
 - Public Relations Committee. 2000-2001
 - Local Arrangements Committee. 2001-2002.
- South Carolina Entomological Society
 - President. 11/92-3/94
 - Chairman - J.H. Cochran Award for Excellence in Entomology Selection Committee. 1993-1994
 - Vice President and Chairman - Program Committee. 1991-1992
- National Pest Management Association
- Arkansas Pest Management Association
- Arkansas Association of Cooperative Extension Service Specialists
- Epsilon Sigma Phi

Teaching Experience

Teaching experience includes informal and formal training sessions to county extension personnel, members of the professional pest control industry, professional turf grass management industry, professional landscape management industry, professional nurserymen, and individual citizens through various meetings, seminars, and field days.