

Gus Lorenz

Division of Agriculture
Professor, Extension Entomologist- IPM
Coordinator
University of Arkansas, Little Rock



Current Appointment: 100% Extension

Education

B.S.A.	University of Arkansas	1982	Plant Protection Pest Mgmt.
M.S.	University of Arkansas	1984	Entomology
Ph.D.	University of Arkansas	1995	Entomology

Professional Experience

Mississippi Agricultural and Forestry Exp. Station	Starkville, MS	1984	Research Associate
U of A CES	Jefferson County	1985	County Agent
U of A CES	LRSO	1986	Area Soybean Specialist
U of A CES	LRSO	1991	Area Agron., Soybean & Wheat
U of A CES	LRSO	1993	Area Cotton Agronomist
U of A CES	LRSO	1995	IPM Coordinator
U of A CES	LRSO	1998	Ext. Entomologist/ IPM Coord.
U of A CES	LRSO	2000	Associate Professor
U of A CES	LRSO	2003	Professor
U of A CES	LRSO	2005	Associate Dept. Head- Extension

Awards and Honors

Award for Outstanding Specialist. Arkansas Association of Extension Specialists, 2002
USDA-APHIS. Recognition for Support of the Programs, 2001
Riceland Foods. Recognition for Stink Bug Educational Program, 2004

Areas of Research Specialization

The State Integrated Pest Management (IPM) Coordinator provides leadership and direction for the development and implementation of integrated solutions to pest problems encountered in agricultural and urban environments. The IPM Coordinator accomplishes this by stimulating and facilitating the development of interdisciplinary IPM Extension programs across departments or sections, among public agencies, and between the public and private sectors. Primary responsibilities include major row crops.

Publications

Since 1997 authored or co-authored: 72 Ext. Publications, 34 Bulletin/ Reports, 123 Proceedings

Selected Publications

- Lorenz, Gus M., D. R. Johnson, R. Cartwright, C. Coker, and K. Loftin. 2003. Development of a County-Based IPM Program in Arkansas, 1997-2003. *In Proc. Fourth Natl IPM Symposium, Indianapolis, IN.*
- Lorenz, G., D. Johnson, R. Luttrell, G. Studebaker, J. Greene, and C. Capps. Heliothine Boll Damage Survey in Arkansas, 2003. *In Proceedings, 2003 Beltwide Cotton Production Confer. National Cotton Council, Memphis, TN. <http://www.cotton.org/beltwide/proceedings/>*
- Lorenz, G. M., S. Y. Young, C. Norton, and J. Greene. Evaluation of Insecticides for control of Grasshoppers and Stink bug on Soybean. *Arthropod Management Tests* 2003. 27:F103.

- Lorenz, G. M. III, D. R. Johnson, R. Edmund, A. Fisher, L. Page, and J. D. Hopkins. 2000. Management of tarnished plant bug, *Lygus lineolaris*, with traditional and new insecticides. *IN Proc. of the 2000 Cotton Res. Conf.* p. 213. Ed: D. Oosterhuis. AAES Special Report 198.
- Chappell, A. S., T. Kring, G. Lorenz III, J. Greene and G. Studebaker. 2004. Cotton Aphid Treatment Decisions Based on Density Estimates of Predaceous Coccinellids, *Summaries of Arkansas Cotton Research.* pp. 190-194.
- Chappell, A., T. Kring and G. Lorenz. 2004. Reliance on predators in making cotton aphid treatment decisions. *Proc. Beltwide Cotton Conf.* New Orleans, LA. pp. 1610-1612

Contracts and Grants

Grants, Grant-in-aid and other funding in 2004 >\$500,000. Funding agencies include: USDA, USDA-ARS, Cotton Inc., National Cotton Council, Cotton State Support, Soybean Promotion Board, numerous industry sources.

Professional Service

- Entomological Society of America
 - Judging Panel for Applied Entomology Award for Graduate Students
 - Southeast Branch- committees: Membership (current), Local Arrangements (chair 2002), Student Awards Committee (Chair 2001)
- Arkansas Crop Protection Association
 - Board Member 1999
 - Chair- Sp. Proj. Com. 1999
 - Vice- President 1999
 - Pres. Elect. 2000-2001
 - President 2001-2002
- Southern Region IPM Info. Exchange Group
 - Secretary 2000
 - Chair 2001-2002
- Southern Region Boll Weevil Info. Exch. Grp.
 - Secretary 2000-2001
 - Chair 2001-2002
- Beltwide Cotton Conf.
 - Student Contest Judge 2001-2004
 - Co-Chair Student Contest 2002
 - Chair Insect Research and Control Conference 2004
- Bayer Scout Smart Scholarship 2001- 2003
 - Selection Committee
- Southern Region IPM Center
 - Advisory Council 2003-2004
 - Steering Committee 2003-2004
- International Congress of Entomology
 - Symposium Chair 2003-2004

Teaching Experience

Occasional guest lecturer. I have served on several graduate student committees (3 Ph.D , 4 M.S.) and currently serving as major advisor for one M.S. candidate and co-advisor on another M.S. candidate. I am currently serving on one Ph.D candidate committee.

February 15, 2006