

Abbreviated Tabular Summary of Achievements:

| Category | Total |
|---|-----------------|
| Refereed Journal Articles Published | 37 |
| Refereed Journal Articles Accepted for Publication | 1 |
| Refereed Journal Articles Submitted for Review (2008) | 2 |
| Louisiana Agriculture Articles Published | 23 |
| Louisiana Agriculture Articles Accepted for Publication | 3 |
| Proceedings Abstracts | 218 |
| Experiment Station Reports | 21 |
| Bulletins | 4 |
| Extension Publications | 38 |
| Mass Media Articles (provided technical information) | 23 |
| Presentations at Professional Meetings (presenter) | 45 |
| Presentations at Professional Meetings (co-author) | 77 |
| Invited Symposia/Conferences | 11 |
| Poster Displays (presenter/first author) | 58 |
| Poster Displays (co-author) | 101 |
| Presentations at Producer/Extension Meetings | 58 |
| External Funding | 1.12 mil |
| In-kind support (gratis chemical for Research Station) | Approx. 455,000 |
| Graduate Student Advisement (committee chair) | 2 M. S. |
| Graduate Student Committee Service M. S. | 4 |
| Graduate Student Committee Service Ph. D. | 13 |

Appointment: 80% Research/20% Administration
Requested Action: Promotion to the Rank of Professor

Donnie K. Miller
CURRICULUM VITAE

PRESENT POSITION

Associate Professor and Research Coordinator, Northeast Research Station, Louisiana Agricultural Experiment Station, LSU AgCenter

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HISTORY OF EMPLOYMENT AND EDUCATION

EMPLOYMENT:

| | |
|----------------------|---|
| March 2004-present | Research Coordinator, LSU AgCenter Northeast Research Station |
| July 2002-present | Associate Professor, LSU AgCenter Northeast Research Station |
| July 1996-June 2002 | Assistant Professor, LSU AgCenter Northeast Research Station |
| June 1995-June 1996 | Research Associate, Department of Plant Pathology and Crop Physiology, LSU |
| May 1993-August 1993 | Research Associate, Department of Plant Pathology and Crop Physiology, LSU |
| May 1991-Aug. 1995 | Graduate Research Assistant, Department of Plant Pathology and Crop Physiology, LSU |
| 1989-1992 | Technical Service Assistant, American Cyanamid Co. (Summer Employment). |

EDUCATION:

Ph.D., Plant Health (Weed Science), August 1996,
Louisiana State University

M.S., Plant Health (Weed Science), May 1993,
Louisiana State University

B.S., Agronomy, May 1990,
University of Louisiana at Lafayette

ADMINISTRATIVE ACTIVITIES

Currently responsible for approval of various personnel, accounting, and miscellaneous matters. These include classified employee time sheets, academic employee leave, payroll certification, purchases receiving prior Regional Director approval, vehicle logs and building inspection forms. Additional duties include coordination of research activities between on and off station faculty and farm labor, quarterly office complex inspection, supervision of routine repair and maintenance of facilities, provide security for station facilities, equipment, and other resources, provide supervision of clerical staff, provide supervision of 1 farm manager and partial supervision of another farm manager, and provide assistance to Regional Director in planning of special events/functions.

INSTRUCTIONAL ACTIVITIES

Instructional Affiliation:

2001 – present Adjunct Member of Department of Agronomy and Environmental Management/The School of Plant, Environmental, and Soil Sciences

2002 – present Full Member of the LSU Graduate Faculty

Thesis Research Sections advised:

AGRO 8000. Thesis Research Independent Study. LSU Dept. of Agronomy and Environmental Management. Fall Semester 2006 (1 student).

AGRO 8000. Thesis Research Independent Study. LSU Dept. of Agronomy and Environmental Management. Summer Semester 2006 (1 student).

Graduate Committees:

Graduate committees chaired: 2 (D. M. Scroggs, M. S., awarded May 2006; D. R. Lee, M. S., awarded May 2007)

Service on other graduate committees: Member of graduate committees of 8 past students in the LSU Department of Plant Pathology and Crop Physiology, 7 past or current students in the LSU Department of Agronomy/School of Plant, Environmental, and Soil Sciences, and Dean's representative graduate committee member of 1 past student in the Department of Horticulture.

Guest lectures:

Weed science research. University of Louisiana at Monroe. Agriculture 430, Weed Science and Ecology. November 20, 2007.

Statistics in weed science research. LSU. Agronomy 7040, Research Methods in Plant Science. Fall semester 2006.

Careers in LAES. University of Louisiana at Monroe. Agriculture 110, Agriculture Seminar. Sept. 24, 2003.

Herbicide resistance. LSU Extension Seminar Series. Feb. 18, 2000.

Use of genetically engineered cotton to control weeds. LSU. Agronomy 7001, Seminar. Feb. 12, 1998.

Weed control in cotton and soybean. LSU. Plant Health 4070, Weed Science in The Environment. Nov. 5, 1997.

Experiments in agriculture. Tensas Elementary, 6th grade science class. Aug. 22, 1997.

Weed control and herbicide mode of action in cotton. LSU. Plant Health 7051, Advanced Weed Science. Feb. 5, 1997.

Weed control in agronomic crops. Louisiana Tech University. Plant Science 319, Ag Chemical Application and Technology. Oct. 14, 1996.

Principles of Weed Control Laboratory. LSU. Plant Health 4070. Fall semester 1993 and 1995. (Lab instructor).

Spray adjuvants. LSU Turf School. Feb. 7-10.

Other Instructional Activities:

Southern Weed Science Society Weed Contest

Co-host/organizer of annual Southern Weed Science Society Weed Contest. Aug 7-8, 2001.

LSU Weed Science team assistant coach. 1996-1998.

RESEARCH ACTIVITIES

Published Research Publications:

Refereed Journal Articles:

Price, A. J., C. H. Koger, J. W. Wilcut, D. K. Miller, and E. van Santen. 2008. Efficacy of residual and non-residual herbicides used in cotton production systems when applied with glyphosate, glufosinate, or MSMA. *Weed Technol.* 22:459-466.

Clewis, S. B., D. K. Miller, C. Koger, T. A. Baughman, A. J. Price, D. Porterfield, and J. W. Wilcut. 2008. Weed management and crop response with glyphosate, s-metolachlor, trifloxysulfuron, prometryne, and MSMA in glyphosate-resistant cotton. *Weed Technol.* 22:160-167.

Miller, D. K., D. M. Scroggs, E. L. Clawson, and D. Y. Lenclos. 2008. Response of glyphosate-resistant soybean to glyphosate during reproductive development. *Weed Technol.* 22:359-362.

Miller, D. K., J. X. Zumba, D. C. Blouin, R. Bagwell, E. Burris, E. L. Clawson, B. R. Leonard, D. M. Scroggs, A. M. Stewart, and P. R. Vidrine. 2008. Second-generation glyphosate-resistant cotton tolerance to combinations of glyphosate with insecticides and mequiat chloride. *Weed Technol.* 22:81-85.

- Koger, C. H., I. C. Burke, D. K. Miller, J. A. Kendig, K. N. Reddy, and J. W. Wilcut. 2007. MSMA antagonizes glyphosate and glufosinate efficacy on broadleaf and grass weeds. *Weed Technol.* 21:159-165.
- Scroggs, D. M., D. K. Miller, J. L. Griffin, J. W. Wilcut, D. C. Blouin, A. M. Stewart, and P. R. Vidrine. 2007. Effectiveness of preemergence herbicides and postemergence glyphosate programs in second generation glyphosate resistant cotton (*Gossypium hirsutum*). *Weed Technol.* 21:877-881.
- Scroggs, D. M., D. K. Miller, J. L. Griffin, L. E. Steckel, D. C. Blouin, A. M. Stewart, and P. R. Vidrine. 2007. Reduced input postemergence weed control with glyphosate and residual herbicides in second generation glyphosate resistant cotton (*Gossypium hirsutum*). *Weed Technol.* 21:997-1001.
- Steckel, L. E., C. C. Craig, R. M. Hayes, and D. K. Miller. 2007. Response of three nonglufosinate-resistant cotton varieties to reduced rates of glufosinate. *Weed Technol.* 21:780-784.
- Williams, B. J., and Miller, D. K. 2007. Cool-season weed response to flumioxazin. *Journal of Crop Management*.
<http://www.plantmanagementnetwork.org/sub/cm/research/2007/flumioxazin/>.
- Griffin, J. L., D. K. Miller, and M. F. Salassi. 2006. Johnsongrass (*Sorghum halpense*) control and economics of using glyphosate resistant soybean in fallow sugarcane fields. *Weed Technol.* 20:980-985.
- Scroggs, D. M., D. K. Miller, P. R. Vidrine, and R. G. Downer. 2006. Evaluation of weed control and crop tolerance with co-application of glyphosate and pyraflufen-ethyl in glyphosate-resistant soybean (*Glycine max*). *Weed Technol.* 20:1035-1039.
- Kelly, S. T., M. W. Shankle, and D. K. Miller. 2006. Efficacy and tolerance of flumioxazin on sweet potato (*Ipomoea batatas*). *Weed Technol.* 20:334-339.
- Siebert, J. D., A. M. Stewart, D. K. Miller, and C. C. Craig. 2006. Effect of carrier volume and nozzle type on cotton harvest-aid efficacy. *J. Cotton Science.* 10:89-96.
- Costello, R. W., J. L. Griffin, B. R. Leonard, D. K. Miller, and Gabie E. Church. 2005. Pyrethriobac and insecticide coapplication effects on cotton tolerance and broadleaf weed and thrips (*Frankliniella* spp.) control. *Weed Technol.* 19:430-436.
- Miller, D. K., R. G. Downer, E. Burris, B. R. Leonard, and B. J. Williams. 2005. Control of selected broadleaf weeds with glufosinate as influenced by insecticide co-application. *Weed Technol.* 19:719-723.
- Miller, D. K., R. G. Downer, E. Burris, J. W. Wilcut, and D. R. Cook. 2005. Trifloxysulfuron and insecticide combination effects on broadleaf weed and thrips control in cotton. *Weed Technol.* 19:762-767.
- Pankey, J. H., J. L. Griffin, P. D. Colyer, R. W. Schneider, and D. K. Miller. 2005. Preemergence herbicide and glyphosate effects on seedling diseases in glyphosate-tolerant cotton. *Weed Technol.* 19:312-318.
- Scroggs, D. M., D. K. Miller, J. L. Griffin, J. P. Geaghan, P. Roy Vidrine, and A. M. Stewart. 2005. Glyphosate efficacy on selected weed species is unaffected by chemical co-application. *Weed Technol.* 19:1012-1016.

- Smith, M. C., D. R. Shaw, and D. K. Miller. 2005. In-field bioassay to investigate the persistence of imazaquin and pyriithiobac. *Weed Sci.* 53:121-129.
- Griffin, J. L., D. K. Miller, J. M. Ellis, and P. A. Clay. 2004. Sugarcane (*Saccharum spp.*) tolerance and Italian ryegrass (*Lolium multiflorum*) control with paraquat. *Weed Technol.* 18:555-559.
- Gwathmey, C. O., C. W. Bednarz, D. D. Fromme, E. M. Holman, and D. K. Miller. 2004. Response of defoliation timing based on heat-unit accumulation in diverse field environments. *J. Cotton Science*. 8:142-153.
- Miller, D. K., R. G. Downer, B. R. Leonard, E. M. Holman, and S. T. Kelly. 2004. Response of nonglyphosate-resistant cotton to reduced rates of glyphosate. *Weed Sci.* 52:178-182.
- Pankey, J. H., J. L. Griffin, B. R. Leonard, D. K. Miller, R. G. Downer, and R. W. Costello. 2004. Glyphosate-insecticide combination effects on weed and insect control in cotton (*Gossypium hirsutum*). *Weed Technol.* 18:698-703.
- Corkern, C. B., D. B. Reynolds, J. L. Griffin, D. L. Jordan, D. K. Miller and P. R. Vidrine. 2003. Cotton (*Gossypium hirsutum*) sensitivity to pyriithiobac applied under two irrigation regimes. *J. Cotton Sci.* 7:86-94.
- Miller, D. K., R. G. Downer, B. R. Leonard, E. M. Holman, and S. T. Kelly. 2003. Response of noubromoxynil-resistant cotton to reduced rates of bromoxynil. *Weed Sci.* 51:786-791.
- Miller, D. K., R. G. Downer, B. R. Leonard, E. M. Holman, and S. T. Kelly. 2003. Response of nonglufosinate-resistant cotton to reduced rates of glufosinate. *Weed Sci.* 51:781-785.
- Jordan, D.L., L. S. Warren, Jr., D. K. Miller, M. C. Smith, D. B. Reynolds, S. H. Crawford, and J. L. Griffin. 2001. Italian ryegrass control with preplant herbicides. *J. Cotton Sci.* 5:268-274. www.jcotsci.org.
- Strahan, R. E., J. L. Griffin, D. L. Jordan, and D. K. Miller. 2000. Influence of adjuvants on itchgrass (*Rottboellia cochinchinensis*) control in corn (*Zea mays*) with nicolsulfuron and primisulfuron. *Weed Technol.* 14:66-71.
- Strahan, R. E., J. L. Griffin, D. B. Reynolds, and D. K. Miller. 2000. Interference between *Rottboellia cochinchinensis* and *Zea mays*. *Weed Sci.* 48:205-211.
- Weber, J. B., G. G. Wilkerson, H. M. Linker, J. W. Wilcut, R. B. Liedy, S. Sensenman, W. W. Witt, M. Barrett, W. K. Vencil, D. R. Shaw, T. C. Mueller, D. K. Miller, B. J. Brecke, R. E. Talbert, and T. F. Peeper. 2000. A proposal to standardize soil/solution herbicide distribution coefficients. *Weed Sci.* 48:75-88.
- Miller, D. K., J. L. Griffin, and E. P. Richard, Jr. 1999. Summer fallow and after-planting bermudagrass (*Cynodon dactylon*) control programs for sugarcane (*Saccharum spp.* hybrids). *Weed Technol.* 13:127-131.
- Jordan, D. L., D. K. Miller, and S. H. Crawford. 1998. Barnyardgrass (*Echinochloa crus-galli*) control in dry-seeded rice (*Oryza sativa*) with soil-applied and postemergence herbicide programs. *Weed Technol.* 12:69-73.
- Miller, D. K., E. P. Richard, Jr., and J. L. Griffin. 1998. Bermudagrass (*Cynodon*

dactylon) and johnsongrass (*Sorghum halepense*) control programs in succession-planted sugarcane (*Saccharum* spp. Hybrids). Jour. Am. Soc. of Sugarcane Technol. 18:19-30.

Miller, D. K., J. L. Miller, and E. P. Richard, Jr. 1998. Johnsongrass (*Sorghum halepense*) control and rainfastness with glyphosate and adjuvants. Weed Technol. 12:617-622.

Miller, D. K., E. P. Richard, Jr., and J. L. Griffin. 1998. Sugarcane (*Saccharum* spp. hybrids) response to simulated fallow field residues of metribuzin and sulfometuron. Weed Technol. 12:454-457.

Miller, D. K. and J. L. Griffin. 1994. Comparison of herbicide programs and cultivation for sicklepod (*Cassia obtusifolia*) control in soybean (*Glycine max*). Weed Technol. 8:77-82.

Miller, D. K. and J. L. Griffin. 1993. Soybean (*Glycine max*) cultivar response to AC 263,222 as influenced by supplemental irrigation. Weed Technol. 7:920-924.

Louisiana Agriculture:

Miller, D. K. and B. J. Williams. 2008. Late-fall/Early winter herbicide application: a new approach to managing winter weeds in Louisiana. Louis. Agric. 51:18.

Scroggs, D. M., A. M. Stewart, D. K. Miller, B. R. Leonard, J. L. Griffin, and D. C. Blouin. 2008. Response of weeds to zinc-glyphosate mixtures. Louis. Agric. 51:22.

Miller, D. K., P. R. Vidrine, and A. M. Stewart. 2007. Assessing Liberty Link transgenic technology for weed control in cotton. Louis. Agric. 50:22.

Kelly, S. T., D. K. Miller, and M. A. Shankle. 2006. Herbicide evaluations for use in sweet potato. Louis. Agric. 49:18-19.

Lee, D. R., D. K. Miller, S. T. Kelly, D. Y. Larclos, and A. M. Stewart. 2006. When crops become weeds: competitive potential of volunteer Roundup Ready cotton and soybean. Louis. Agric. 49:21-22.

Miller, D. K., A. M. Stewart, and S. T. Kelly. 2006. New weed control technology for cotton. Louis. Agric. 49:17.

Smith, T. P., D. K. Miller, S. T. Kelly, and A. M. Hammond. 2006. Effect of herbicide regimes on weed density and yield in sweet potato. Louis. Agric. 49:20.

Miller, D. K., A. S. Culpepper, J. L. Griffin, S. T. Kelly, D. Y. Larclos, A. M. Stewart, R. E. Strahan, P. R. Vidrine, E. P. Webster, B. J. Williams, and A. C. York. 2004. When crops become weeds: Control strategies for volunteer Roundup Ready plants. Louisiana Agric. 47:13-14.

Miller, D. K., E. Burris, R. W. Costello, R. G. Downer, J. L. Griffin, B. R. Leonard, J. H. Pankey, and J. W. Wilcut. 2004. Integrating herbicides and insecticides in cotton. Louisiana Agric. 47:11-13.

Miller, D. K., R. G. Downer, S. T. Kelly, P. R. Vidrine, and D. R. Lee. 2003. Nontransgenic cotton response to off-target herbicides. Louisiana Agric. 46:34-35.

Miller, D. K., S. T. Kelly, and P. R. Vidrine. 2003. Effects of pre-plant application of 2,4-D on cotton. Louisiana Agric. 46:35.

Stewart, A. M., D. K. Miller, and J. Faircloth. 2003. Cotton defoliation: the science of the art. *Louisiana Agric.* 46:28-29.

Williams, B. J., D. K. Miller, and S. T. Kelly. 2003. Valor- a new herbicide for managing winter vegetation in Louisiana crops. 46:10.

Miller, D. K., A. M. Stewart, R. D. Bagwell, and J. W. Barnett. 2002. Cotton harvest management in Louisiana. *Louisiana Agric.* 45:14-15

Miller, D. K., B. J. Williams, and S. T. Kelly. 2002. Carryover potential of Staple herbicide to corn in Northeast Louisiana. *Louisiana Agric.* 45:22-23.

Griffin, J. L., B. J. Viator, P. A. Clay, J. M. Ellis, D. K. Miller, S. A. Bruff, A. J. Lanie, and R. J. Lencse. 2001. Weed control: essential to sugarcane production. *Louisiana Agric.* 44:12-14.

Miller, D. K., C. Pinnell-Alison, B. J. Williams, S. T. Kelly, and D. R. Lee. 2001. Johnsongrass resistance to graminicides in Northeast Louisiana. *Louisiana Agric.* 44:19-20.

Williams, B. J., D. J. Boquet, and D. K. Miller. 2001. Wheat cover crops: benefits and management. *Louisiana Agric.* 44:16-17.

Miller, D. K., D. R. Lee, B. R. Leonard, E. M. Holman, R. W. Costello, P. R. Vidrine, and J. L. Griffin. 2000. Drift and conventional cotton: Effect of simulated rates of Roundup Ultra, Liberty, and Buctril. *Louisiana Agric.* 43:14-15.

Vidrine, P. R., J. L. Griffin, and D. K. Miller. 2000. Tank mixes add to weed control in Louisiana's soybean fields. *Louisiana Agric.* 43:22-23.

Miller, D. K., P. R. Vidrine, F. P. Milhollon, D. E. Sanders, D. B. Reynolds, D. L. Jordan, and C. B. Corkern. 1999. Weed management research in cotton with Staple, Roundup Ready, and BXN systems. *Louisiana Agric.* 42:8-10.

Griffin, J. L., P. A. Clay, and D.K. Miller. 1998. Gramoxone Extra Controls Weeds in Sugarcane. *Louisiana Agric.* 41:16-17.

Miller, D. K., J. L. Griffin, P. R. Vidrine, D. L. Jordan, and D. B. Reynolds. 1998. Weed Management Using Roundup Ready Technology. *Louisiana Agric.* 41:11-13.

Proceeding Abstracts:

Lee, D. R., D. K. Miller, and M. S. Mathews. 2008. 2-yr evaluation of cotton tolerance to POST application of Prowl H2O. *Proc. Louis. Agric. Sci. Assoc.* 1:55.

Lee, D. R., D. K. Miller, and M. S. Mathews. 2008. 2-yr evaluation of cotton tolerance to POST co-application of Prowl H2O and insecticides. *Proc. Louis. Agric. Sci. Assoc.* 1:54.

Lee, D. R., D. K. Miller, and M. S. Mathews. 2008. Two year evaluation of cotton tolerance to post co-application of Prowl H2O and insecticides. *Proc. South. Weed Sci. Soc.* 61:79.

Lee, D. R., D. K. Miller, and M. S. Mathews. 2008. Two year evaluation of cotton

tolerance to post application of Prowl H2O. Proc. South. Weed Sci. Soc. 61:80.

Miller, D. K., D. R. Lee, and M. S. Mathews. 2008. 2-yr evaluation of cotton tolerance to POST application of Prowl H2O. Proc. Beltwide Cotton Conference. 1:1695.

Miller, D. K., D. R. Lee, and M. S. Mathews. 2008. 2-yr evaluation of cotton tolerance to POST co-application of Prowl H2O and insecticides. Proc. Beltwide Cotton Conference. 1:1702.

Miller, D. K., D. M. Scroggs, and M. S. Mathews. 2008. Is replanting crucial following an off-target application of Harmony Extra in cotton? Proc. Beltwide Cotton Conference. 1:1744.

Miller, D. K., D. M. Scroggs, and M. S. Mathews. 2008. Is replanting crucial following an off-target application of 2,4-D in cotton? Proc. Beltwide Cotton Conference. 1:1745.

Miller, D. K. and M. S. Mathews. 2008. Evaluation of Goal 2XL, Grasp, Python, and Firstate for fallow-bed weed control and crop tolerance in cotton and soybean. Proc. Beltwide Cotton Conference. 1:1746.

Miller, D. K. and M. S. Mathews. 2008. Evaluation of Goal 2XL, Grasp, Python, and Firstate for fallow-bed weed control and crop tolerance in cotton and soybean. Proc. Louis. Agric. Sci. Assoc. 1:53.

Miller, D. K., D. M. Scroggs, and M. S. Mathews. 2008. Is replanting crucial following an off-target application of Harmony Extra in cotton? Proc. South. Weed Sci. Soc. 61:78.

Miller, D. K., D. M. Scroggs, and M. S. Mathews. 2008. Is replanting crucial following an off-target application of 2,4-D in cotton? Proc. South. Weed Sci. Soc. 61:77.

Miller, D. K. and M. S. Mathews. 2008. Evaluation of Goal 2 XL, Grasp, Python, and Firstate for fallow-bed weed control and crop tolerance in cotton and soybean. Proc. South. Weed Sci. Soc. 61:82.

Miller, D. K. and M. S. Mathews. 2008. Evaluation of atrazine and resolve for fallow bed weed control. Proc. South. Weed Sci. Soc. 61:81.

Miller, D. K., T. Smith, and M. S. Mathews. 2008. Evaluation of weed control and sweet potato tolerance with post directed herbicide application. Proc. South. Weed Sci. Soc. 61:146.

Miller, D. K., T. Smith, and M. S. Mathews. 2008. Evaluation of weed management in Evangeline and Beauregard sweet potato. Proc. South. Weed Sci. Soc. 61:145.

Scroggs, D. M., A. M. Stewart, D.K. Miller, B. R. Leonard, J. L. Griffin, and D. C. Blouin. 2008. Determination of effective cleaning methods for sprayer hose after applications of 2,4-D. Proc. Beltwide Cotton Conference. 1:1749.

Scroggs, D. M., A. M. Stewart, D.K. Miller, B. R. Leonard, J. L. Griffin, and D. C. Blouin. 2008. Effect of zinc on glyphosate efficacy. Proc. Beltwide Cotton Conference. 1:1700.

Scroggs, D. M., A. M. Stewart, D. K. Miller, B. R. Leonard, J. L. Griffin, and D. C. Blouin. 2008. Evaluation of cleaning methods for 2,4-D contaminated sprayer hose. Proc. Louis. Agric. Sci. Assoc. 1:41.

Scroggs, D. M., A. M. Stewart, D.K. Miller, B. R. Leonard, J. L. Griffin, and D. C. Blouin. 2008. Determination of effective cleaning methods for sprayer hose after applications of 2,4-D. *Proc. South. Weed Sci. Soc.* 61:73.

Scroggs, D. M., A. M. Stewart, D.K. Miller, B. R. Leonard, J. L. Griffin, and D. C. Blouin. 2008. Effect of zinc on glyphosate efficacy. *Proc. South. Weed Sci. Soc.* 61:15.

Lanclos, D. Y., D. K. Miller, and M. S. Mathews. 2007. Evaluation of preplant application interval of Synchrony XP and Valor on early season residual weed control in Roundup Ready soybean. *Proc. Louis. Agric. Sci. Assoc.* 1:55.

Lanclos, D. Y., D. K. Miller, and M. S. Mathews. 2007. Evaluation of Synchrony XP and Valor preplant application effects on in-season weed control in Roundup Ready soybean. *Proc. Louis. Agric. Sci. Assoc.* 1:54.

Lee, D. R., D. K. Miller, and M. S. Mathews. 2007. Roundup Ready cotton and soybean as weedy competitors in Roundup Ready cropping systems. *Proc. Louis. Agric. Sci. Assoc.* 1:17.

Lee, D. R., D. K. Miller, and M. S. Mathews. 2007. Winter weed control in cotton following fall application of Envoke and Suprend. *Proc. Louis. Agric. Sci. Assoc.* 1:52.

Lee, D. R., D. K. Miller, and M. S. Mathews. 2007. Winter weed control in cotton following fall application of Dual Magnum, Reflex, and Envoke. *Proc. Louis. Agric. Sci. Assoc.* 1:51.

Miller, D. K. and M. S. Mathews. 2007. Roundup Ready Flex cotton tolerance to postemergence application of Prowl H2O. *Proc. Louis. Agric. Sci. Assoc.* 1:56.

Mathews, M. S., D. K. Miller, and D. M. Scroggs. 2007. Evaluation of herbicides in Roundup Ready Flex cotton for Palmer amaranth control. *Proc. Louis. Agric. Sci. Assoc.* 1:53.

Scroggs, D. M., A. M. Stewart, D. K. Miller, B. R. Leonard, P. R. Vidrine, and J. Stevens. 2007. Response of weeds to mixtures of zinc and glyphosate in cotton. *Proc. Louis. Agric. Sci. Assoc.* 1:39.

Miller, D. K. and M. S. Mathews. 2007. Evaluation of phytotoxicity of postemergence co-application of glyphosate, Prowl H2O, and insecticides on Roundup Ready Flex cotton. *Proc. Louis. Agric. Sci. Assoc.* 1:23.

Miller, D. K., B. R. Leonard, and M. S. Mathews. 2007. Nozzle type and spray pressure effects on weed and plantbug control with glyphosate and insecticide co-application. *Proc. Louis. Agric. Sci. Assoc.* 1:24.

Scroggs, D. M., A. M. Stewart, B. R. Leonard, D. K. Miller, J. L. Griffin, D. C. Blouin, and P. R. Vidrine. 2007. Determination of effective cleaning methods for sprayer hose after applications of 2,4-D. *Proc. Louis. Agric. Sci. Assoc.* 1:25.

Evermann, W. J., C. L. Main, J. Faircloth, D. K. Miller, S. B. Clewis, W. E. Thomas, and J. W. Wilcut. 2006. Resistant management programs for Roundup Ready Flex and Liberty Link cotton. *Proc. Beltwide Cotton Conf.* 1:2259.

Kelly, S. T., D. K. Miller, and M. S. Mathews. 2006. Effect MON 3539 tankmixes on

weed control and Roundup Ready Flex cotton tolerance. Proc. Beltwide Cotton Conf. 1:2225.

Kelly, S. T., D. K. Miller, and M. S. Mathews. 2006. Efficacy and crop tolerance of MON 3539 alone or tank-mixed with insecticides on Roundup Ready Flex cotton. Proc. South. Weed Sci. Soc. 59:44.

Koger, C. H., D. H. Poston, T. W. Eubank, V. Nandula, D. K. Miller, and J. W. Wilcut. 2006. Emergence patterns and residual weed control with Sequence. Proc. South. Weed Sci. Soc. 59:55.

Lee, D. R., D. K. Miller, and M. S. Mathews. 2006. Density and interference period effect of Roundup Ready cotton infestation in Roundup Ready soybean. Proc. Beltwide Cotton Conf. 1:2218.

Lee, D. R., D. K. Miller, and M. S. Mathews. 2006. Effect of density and interference period of Roundup Ready cotton infestation in Roundup Ready soybean. Proc. Louisiana Agri. Sci. Assoc. 1:42.

Lee, D. R., D. K. Miller, and M. S. Mathews. 2006. Effect of density and interference period of Roundup Ready cotton infestation in Roundup Ready soybean. Proc. South. Weed Sci. Soc. 59:29.

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N/A

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Scroggs, D. M., D. K. Miller, J. Geaghan, P. R. Vidrine, A. M. Stewart, and M. S. Mathews. 2005. Co-application and timing effects on glyphosate efficacy on selected weed species. South. Weed Sci. Soc., Jan 24-26. Charlotte, NC.

Lee, D. R., D. K. Miller, M. S. Mathews, R. G. Downer, A. M. Stewart, and B. R. Leonard. 2004. Glufosinate-resistant cotton response to reduced rates of glyphosate. Beltwide Cotton Conference, Jan. 5-9. San Antonio, TX.

Lee, D. R., D. K. Miller, M. S. Mathews, R. G. Downer, A. M. Stewart, and B. R. Leonard. 2004. Glufosinate-resistant cotton response to reduced rates of glyphosate. Louisiana Cotton Forum, Jan. 20. Monroe, LA.

Lee, D. R., D. K. Miller, M. S. Mathews, R. G. Downer, A. M. Stewart, and B. R. Leonard. 2004. Glufosinate-resistant cotton response to reduced rates of glyphosate. Southern Weed Sci. Soc. Mtg., Jan. 26-28. Memphis, TN.

Lee, D. R., D. K. Miller, M. S. Mathews, R. G. Downer, A. M. Stewart, and B. R. Leonard. 2004. Glufosinate-resistant cotton response to reduced rates of glyphosate. Louisiana Plant Protection Assoc. Mtg., March 15-16. Baton Rouge, LA.

Lee, D. R., D. K. Miller, M. S. Mathews, R. G. Downer, A. M. Stewart, and B. R.

- Leonard. 2004. Glyphosate-resistant cotton response to reduced rates of glufosinate. Beltwide Cotton Conference, Jan. 5-9. San Antonio, TX.
- Lee, D. R., D. K. Miller, M. S. Mathews, R. G. Downer, A. M. Stewart, and B. R. Leonard. 2004. Glyphosate-resistant cotton response to reduced rates of glufosinate. Louisiana Cotton Forum, Jan. 20. Monroe, LA.
- Lee, D. R., D. K. Miller, M. S. Mathews, R. G. Downer, A. M. Stewart, and B. R. Leonard. 2004. Glyphosate-resistant cotton response to reduced rates of glufosinate. Southern Weed Sci. Soc. Mtg., Jan. 26-28. Memphis, TN.
- Lee, D. R., D. K. Miller, M. S. Mathews, R. G. Downer, A. M. Stewart, and B. R. Leonard. 2004. Glyphosate-resistant cotton response to reduced rates of glufosinate. Louisiana Plant Protection Assoc. Mtg., March 15-16. Baton Rouge, LA.
- Mathews, M. S., D. K. Miller, D. R. Lee, J. W. Wilcut, E. Burris, and R. G. Downer. 2004. Broadleaf weed and early-season insect control with Envoke as influenced by insecticide co-application. Beltwide Cotton Conference, Jan. 5-9. San Antonio, TX.
- Mathews, M. S., D. K. Miller, D. R. Lee, J. W. Wilcut, E. Burris, and R. G. Downer. 2004. Broadleaf weed and early-season insect control with Envoke as influenced by insecticide co-application. Louisiana Agri. Expo, Jan. 15-17. Monroe, LA.
- Mathews, M. S., D. K. Miller, D. R. Lee, J. W. Wilcut, E. Burris, and R. G. Downer. 2004. Broadleaf weed and early-season insect control with Envoke as influenced by insecticide co-application. Louisiana Agri. Technology and management Conference, March 17. Alexandria, LA.
- Mathews, M. S., D. K. Miller, D. R. Lee, J. W. Wilcut, E. Burris, and R. G. Downer. 2004. Broadleaf weed and early-season insect control with Envoke as influenced by insecticide co-application. Louisiana Cotton Forum, Jan. 20. Monroe, LA.
- Mathews, M. S., D. K. Miller, D. R. Lee, J. W. Wilcut, E. Burris, and R. G. Downer. 2004. Broadleaf weed and early-season insect control with Envoke as influenced by insecticide co-application. Southern Weed Sci. Soc. Mtg., Jan. 26-28. Memphis, TN.
- Mathews, M. S., D. K. Miller, D. R. Lee, J. W. Wilcut, E. Burris, and R. G. Downer. 2004. Broadleaf weed and early-season insect control with Envoke as influenced by insecticide co-application. Louisiana Plant Protection Assoc. Mtg., March 15-16. Baton Rouge, LA.
- Mathews, M. S., D. K. Miller, R. G. Downer, E. Burris, and B. R. Leonard. 2004. Broadleaf weed control with glufosinate as influenced by insecticide co-application. Beltwide Cotton Conference, Jan. 5-9. San Antonio, TX.
- Mathews, M. S., D. K. Miller, R. G. Downer, E. Burris, and B. R. Leonard. 2004. Broadleaf weed control with glufosinate as influenced by insecticide co-application. Louisiana Cotton Forum, Jan. 20. Monroe, LA.
- Mathews, M. S., D. K. Miller, R. G. Downer, E. Burris, and B. R. Leonard. 2004. Broadleaf weed control with glufosinate as influenced by insecticide co-application. Southern Weed Sci. Soc. Mtg., Jan. 26-28. Memphis, TN.
- Mathews, M. S., D. K. Miller, R. G. Downer, E. Burris, and B. R. Leonard. 2004. Broadleaf weed control with glufosinate as influenced by insecticide co-application. Louisiana Agriculture Management and technology Conference, Jan. 28-30. Alexandria.

LA.

Mathews, M. S., D. K. Miller, R. G. Downer, E. Burris, and B. R. Leonard. 2004. Broadleaf weed control with glufosinate as influenced by insecticide co-application. Louisiana Plant Protection Assoc. Mtg., March 15-16. Baton Rouge, LA.

Miller, D. K., M. S. Mathews, and D. R. Lee. 2004. Weed control in Roundup Ready Flex cotton. Beltwide Cotton Conference, Jan. 5-9. San Antonio, TX.

Miller, D. K., M. S. Mathews, and D. R. Lee. 2004. Weed control in Roundup Ready Flex cotton. Louisiana Agri. Expo, Jan. 15-17. Monroe, LA.

Miller, D. K., M. S. Mathews, and D. R. Lee. 2004. Weed control in Roundup Ready Flex cotton. Louisiana Cotton Forum, Jan. 20. Monroe, LA.

Miller, D. K., M. S. Mathews, and D. R. Lee. 2004. Weed control in Roundup Ready Flex cotton. Southern Weed Sci. Soc. Mtg., Jan. 26-28. Memphis, TN.

Miller, D. K., M. S. Mathews, and D. R. Lee. 2004. Weed control in Roundup Ready Flex cotton. Louisiana Agriculture Management and Technology Conference, Jan. 28-30. Alexandria, LA.

Miller, D. K., M. S. Mathews, and D. R. Lee. 2004. Weed control in Roundup Ready Flex cotton. Louisiana Plant Protection Assoc. Mtg., March 15-16. Baton Rouge, LA.

Miller, D. K., M. S. Mathews, D. R. Lee, J. W. Wilcut, P. R. Vidrine, and S. T. Kelly. 2004. Reduced input weed control in Roundup Ready Cotton. Beltwide Cotton Conference, Jan. 5-9. San Antonio, TX.

Miller, D. K., M. S. Mathews, D. R. Lee, J. W. Wilcut, P. R. Vidrine, and S. T. Kelly. 2004. Reduced input weed control in Roundup Ready Cotton. Louisiana Cotton Forum, Jan. 20. Monroe, LA.

Miller, D. K., M. S. Mathews, D. R. Lee, J. W. Wilcut, P. R. Vidrine, and S. T. Kelly. 2004. Reduced input weed control in Roundup Ready Cotton. Southern Weed Sci. Soc. Mtg., Jan. 26-28. Memphis, TN.

Miller, D. K., M. S. Mathews, D. R. Lee, J. W. Wilcut, P. R. Vidrine, and S. T. Kelly. 2004. Reduced input weed control in Roundup Ready Cotton. Louisiana Plant Protection Assoc. Mtg., March 15-16. Baton Rouge, LA.

Vidrine, P. R., A. M. Stewart, D. K. Miller, D. M. Scroggs, and S. T. Kelly. 2004. Utility of Envoke in cotton weed control programs. Beltwide Cotton Conference, Jan. 5-9. San Antonio, TX.

Vidrine, P. R., A. M. Stewart, D. K. Miller, D. M. Scroggs, and S. T. Kelly. 2004. Utility of Envoke in cotton weed control programs. Southern Weed Sci. Soc. Mtg., Jan. 26-28. Memphis, TN.

Vidrine, P. R., A. M. Stewart, D. K. Miller, D. M. Scroggs, and S. T. Kelly. 2004. Utility of Envoke in cotton weed control programs. Louisiana Plant Protection Assoc. Mtg., March 15-16. Baton Rouge, LA.

Lee, D. R., D. K. Miller, P. R. Vidrine, and S. T. Kelly. 2003. Evaluation of Suprend for weed control in cotton. Beltwide Cotton Conference, Jan. 6-10. Nashville, TN.

- Lee, D. R., D. K. Miller, P. R. Vidrine, and S. T. Kelly. 2003. Evaluation of Suprend for weed control in cotton. Louisiana Cotton Forum, Jan. 14. Monroe, LA.
- Lee, D. R., D. K. Miller, P. R. Vidrine, and S. T. Kelly. 2003. Evaluation of Suprend for weed control in cotton. Louisiana Plant Protection Assoc. Mtg., March 13-14. Baton Rouge, LA.
- Lee, D. R., D. K. Miller, P. R. Vidrine, and S. T. Kelly. 2003. Evaluation of Suprend for weed control in cotton. Southern Weed Sci. Soc. Mtg., Jan. 27-29. Houston, TX.
- Lee, D. R., D. K. Miller, and S. T. Kelly. 2003. Marestalk control in Northeast Louisiana with Gramoxone Max tankmix combinations. Beltwide Cotton Conference, Jan. 6-10. Nashville, TN.
- Lee, D. R., D. K. Miller, and S. T. Kelly. 2003. Marestalk control in Northeast Louisiana with Gramoxone Max tankmix combinations. Louisiana Cotton Forum, Jan. 14. Monroe, LA.
- Lee, D. R., D. K. Miller, and S. T. Kelly. 2003. Marestalk control in Northeast Louisiana with Gramoxone Max tankmix combinations. Ag Expo, Jan. 17-18. Monroe, LA.
- Lee, D. R., D. K. Miller, and S. T. Kelly. 2003. Marestalk control in Northeast Louisiana with Gramoxone Max tankmix combinations. Louisiana Plant Protection Assoc. Mtg., March 13-14. Baton Rouge, LA.
- Lee, D. R., D. K. Miller, and S. T. Kelly. 2003. Evaluation of Gramoxone Max tankmix combinations for marestalk control in Northeast Louisiana. Southern Weed Sci. Soc. Mtg., Jan. 27-29. Houston, TX.
- McKnight, T. B., S. T. Kelly, D. K. Miller, and P. R. Vidrine. 2003. Evaluation of Liberty for control of common Louisiana cotton weeds. Southern Weed Sci. Soc. Mtg., Jan. 27-29. Houston, TX.
- McKnight, T. B., S. T. Kelly, D. K. Miller, and P. R. Vidrine. 2003. Evaluation of Liberty for control of common Louisiana cotton weeds. Louisiana Plant Protection Assoc. Mtg., March 13-14. Baton Rouge, LA.
- Miller, D. K., P. R. Vidrine, S. T. Kelly, and D. R. Lee. 2003. Effect of over-the-top and postemergence directed applications of Envoy on cotton growth and yield. Beltwide Cotton Conference, Jan. 6-10. Nashville, TN.
- Miller, D. K., P. R. Vidrine, S. T. Kelly, and D. R. Lee. 2003. Effect of over-the-top and postemergence directed applications of Envoy on cotton growth and yield. Louisiana Cotton Forum, Jan. 14. Monroe, LA.
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- Miller, D. K., P. R. Vidrine, S. T. Kelly, and D. R. Lee. 2003. Effect of over-the-top and postemergence directed applications of Envoy on cotton growth and yield. Southern Weed Sci. Soc. Mtg., Jan. 27-29. Houston, TX.
- Miller, D. K., R. G. Downer, J. W. Wilcut, E. Burris, R. W. Costello, D. R. Lee, and K. Sanders. 2003. Evaluation of Envoy/insecticide combinations for broadleaf weed and thrips control. Beltwide Cotton Conference, Jan. 6-10. Nashville, TN.

Miller, D. K., R. G. Downer, J. W. Wilcut, E. Burris, R. W. Costello, D. R. Lee, and K. Sanders. 2003. Evaluation of Envoke/insecticide combinations for broadleaf weed and thrips control. Louisiana Cotton Forum, Jan. 14. Monroe, LA.

Miller, D. K., R. G. Downer, J. W. Wilcut, E. Burris, R. W. Costello, D. R. Lee, and K. Sanders. 2003. Evaluation of Envoke/insecticide combinations for broadleaf weed and thrips control. Ag Expo, Jan. 17-18. Monroe, LA.

Miller, D. K., R. G. Downer, J. W. Wilcut, E. Burris, R. W. Costello, D. R. Lee, and K. Sanders. 2003. Evaluation of Envoke/insecticide combinations for broadleaf weed and thrips control. Louisiana Plant Protection Assoc. Mtg., March 13-14. Baton Rouge, LA.

Miller, D. K., R. G. Downer, J. W. Wilcut, E. Burris, R. W. Costello, D. R. Lee, and K. Sanders. 2003. Broadleaf weed and thrips control with Envoke/insecticide combinations. Southern Weed Sci. Soc. Mtg., Jan. 27-29. Houston, TX.

Vidrine, P. R., S. T. Kelly, D.K. Miller, E. P. Millhollon, A. M. Stewart, P. A. Dotray, J. W. Keeling, W. J. Grichar, C. B. Guy, R. M. Hayes, J. A. Kendig, C. E. Snipes, D. B. Reynolds, C. H. Tingle, A. C. York, J. W. Wilcut, B. J. Brecke, D. S. Murray, J. C. Banks, E. C. Murdock, G. F. McDonald, J. T. Tredaway-Ducar, J. M. Chandler, K. L. Smith, M. G. Patterson, A. S. Culpepper, M. M. Kenty, and J. Thomas. 2003. Two-year assessment of 2,4-D preplant intervals in cotton. Beltwide Cotton Conference, Jan. 6-10. Nashville, TN.

Vidrine, P. R., S. T. Kelly, D.K. Miller, E. P. Millhollon, A. M. Stewart, P. A. Dotray, J. W. Keeling, W. J. Grichar, C. B. Guy, R. M. Hayes, J. A. Kendig, C. E. Snipes, D. B. Reynolds, C. H. Tingle, A. C. York, J. W. Wilcut, B. J. Brecke, D. S. Murray, J. C. Banks, E. C. Murdock, G. F. McDonald, J. T. Tredaway-Ducar, J. M. Chandler, K. L. Smith, M. G. Patterson, A. S. Culpepper, M. M. Kenty, and J. Thomas. 2003. Two-year assessment of 2,4-D preplant intervals in cotton. Southern Weed Sci. Soc. Mtg., Jan. 27-29. Houston, TX.

Vidrine, P. R., S. T. Kelly, D.K. Miller, E. P. Millhollon, A. M. Stewart, P. A. Dotray, J. W. Keeling, W. J. Grichar, C. B. Guy, R. M. Hayes, J. A. Kendig, C. E. Snipes, D. B. Reynolds, C. H. Tingle, A. C. York, J. W. Wilcut, B. J. Brecke, D. S. Murray, J. C. Banks, E. C. Murdock, G. F. McDonald, J. T. Tredaway-Ducar, J. M. Chandler, K. L. Smith, M. G. Patterson, A. S. Culpepper, M. M. Kenty, and J. Thomas. 2003. Two-year assessment of Barrage and Opti-Amine preplant intervals in cotton. Louisiana Plant Protection Assoc. Mtg., March 13-14. Baton Rouge, LA.

Lee, D. R., D. K. Miller, and A. L. Perritt. 2002. Effect of preplant application interval on soybean tolerance to burndown herbicides. Louisiana Plant Protection Assoc. Mtg., April 1-2. Baton Rouge, LA.

Lee, D. R., D. K. Miller, and A. L. Perritt. 2002. Effect of preplant application interval on soybean tolerance to burndown herbicides. Southern Weed Sci. Soc. Mtg., Jan. 28-30. Atlanta, GA.

McKnight, T. B., S. T. Kelly, D. K. Miller, and D. R. Lee. 2002. Evaluation of flumioxazin for cotton weed control. Louisiana Plant Protection Assoc. Mtg., April 1-2. Baton Rouge, LA.

McKnight, T. B., S. T. Kelly, D. K. Miller, and D. R. Lee. 2002. Evaluation of Valor for cotton weed control. Southern Weed Sci. Soc. Mtg., Jan. 28-30. Atlanta, GA.

- Miller, D. K., A. M. Stewart, J. W. Barnett, and R. D. Bagwell. 2002. Evaluation of Leafless for cotton defoliation. Louisiana Plant Protection Assoc. Mtg., April 1-2. Baton Rouge, LA.
- Miller, D. K., A. M. Stewart, J. W. Barnett, and R. D. Bagwell. 2002. Evaluation of Leafless for cotton defoliation. Beltwide Cotton Conference, Jan. 8-12. Atlanta, GA.
- Miller, D. K., A. M. Stewart, J. W. Barnett, and R. D. Bagwell. 2002. Evaluation of Leafless for cotton defoliation. Louisiana Cotton Forum, Jan. 22. Monroe, LA.
- Miller, D. K., S. T. Kelly, D. R. Lee, and A. L. Perritt. 2002. Evaluation of Staple Plus and Roundup Ultra Max weed control programs in cotton. Louisiana Plant Protection Assoc. Mtg., April 1-2. Baton Rouge, LA.
- Miller, D. K., S. T. Kelly, D. R. Lee, and A. L. Perritt. 2002. Evaluation of Staple Plus and Roundup Ultra Max weed control programs in cotton. Southern Weed Sci. Soc. Mtg., Jan. 28-30. Atlanta, GA.
- Miller, D. K., P. R. Vidrine, S. T. Kelly, and D. R. Lee. 2002. Evaluation of Staple Plus and Roundup Ultra Max weed control programs in cotton. Louisiana Cotton Forum, Jan. 22. Monroe, LA.
- Miller, D. K., P. R. Vidrine, S. T. Kelly, and D. R. Lee. 2002. Evaluation of Staple Plus and Roundup Ultra Max weed control programs in cotton. Beltwide Cotton Conference, Jan. 8-12. Atlanta, GA.
- Vidrine, P. R., S. T. Kelly, D. K. Miller, E. P. Millohollon, A. M. Stewart, P. A. Dotray, C. B. Guy, R. M. Hayes, J. A. Kendig, C. E. Snipes, C. H. Tingle, M. M. Kenty, and J. Thomas. 2002. Reassessment of 2,4-D preplant intervals in cotton. Louisiana Plant Protection Assoc. Mtg., April 1-2. Baton Rouge, LA.
- Vidrine, P. R., S. T. Kelly, D. K. Miller, E. P. Millohollon, A. M. Stewart, P. A. Dotray, C. B. Guy, R. M. Hayes, J. A. Kendig, C. E. Snipes, C. H. Tingle, M. M. Kenty, and J. Thomas. 2002. Reassessment of 2,4-D preplant intervals in cotton. Southern Weed Sci. Soc. Mtg., Jan. 28-30. Atlanta, GA.
- Lee, D. R., D. K. Miller, P. R. Vidrine, and A. L. Perritt. 2001. Evaluation of Harvade for postemergence directed weed control in cotton. Southern Weed Sci. Soc. Mtg., Biloxi, MS. Jan. 22-24.
- Lee, D. R., D. K. Miller, P. R. Vidrine, and A. L. Perritt. 2001. Evaluation of Harvade for postemergence directed weed control in cotton. Louisiana Plant Protection Assoc. Mtg., March 26-27. Baton Rouge, LA.
- Miller, D. K., P. R. Vidrine, D. R. Lee, and A. L. Perritt. 2001. Preemergence weed control with Valor in soybean. Southern Weed Sci. Soc. Mtg., Biloxi, MS. Jan. 22-24.
- Miller, D. K., P. R. Vidrine, D. R. Lee, and A. L. Perritt. 2001. Preemergence weed control with Valor in soybean. Louisiana Plant Protection Assoc. Mtg., March 26-27. Baton Rouge, LA.
- Perritt, A. L., D. K. Miller, P. R. Vidrine, and D. R. Lee. 2001. Weed control and cotton tolerance with tankmix applications of Roundup Ultra and Command. Southern Weed Sci. Soc. Mtg., Biloxi, MS. Jan. 22-24.

Perritt, A. L., D. K. Miller, P. R. Vidrine, and D. R. Lee. 2001. Weed control and cotton tolerance with tankmix applications of Roundup Ultra and Command. Louisiana Plant Protection Assoc. Mtg., March 26-27. Baton Rouge, LA.

Vidrine, P. R. and D. K. Miller. 2001. Efficacy of Valor (flumioxazin) in cotton. Louisiana Plant Protection Assoc. Mtg., March 26-27. Baton Rouge, LA.

Vidrine, P. R. and D. K. Miller. 2001. Evaluation of Valor in Louisiana cotton. Southern Weed Sci. Soc. Mtg., Biloxi, MS. Jan. 22-24.

Miller, D. K., B. R. Leonard, P. R. Vidrine, C. F. Wilson, and D. R. Lee. 2000. Effect of postemergence directed applications of Permit on cotton growth and yield. Beltwide Cotton Conference, Jan. 4-8. San Antonio, TX.

Lee, D. R., D. K. Miller, J. L. Griffin, P. R. Vidrine, and C. F. Wilson. 2000. Evaluation of Pursuit and Scepter tankmixes for postemergence and residual weed control in Roundup Ready soybean. Louisiana Plant Protection Assoc. Mtg., April 6-7. Baton Rouge, LA.

Wilson, C. F., D. K. Miller, P. R. Vidrine, B. R. Leonard, and D. R. Lee. 2000. Effect of postemergence directed applications of Permit on cotton growth and yield. Louisiana Plant Protection Assoc. Mtg., April 6-7. Baton Rouge, LA.

Miller, D. K., J. L. Milligan, and C. F. Wilson. 1999. Effect of preemergence herbicide and timing of postemergence application on weed control and yield in Roundup Ready soybean. Southern Weed Sci. Soc. Mtg., Jan 25-28. Greensboro, NC.

Miller, D. K., J. L. Milligan, and C. F. Wilson. 1998. Evaluation of reduced rate preemergence herbicides in Roundup Ready soybean weed control programs. Louisiana Plant Protection Assoc. Mtg., April 7-8. Baton Rouge, LA.

Miller, D. K., J. L. Milligan, and C. F. Wilson. 1998. Evaluation of reduced rate preemergence herbicides in Roundup Ready soybean weed control programs. Southern Weed Sci. Soc. Mtg., Jan 26-28. Birmingham, AL.

Miller, D. K., J. L. Griffin, and E. P. Richard, Jr. 1995. Evaluation of sulfometuron in sugarcane weed control programs. Louisiana Plant Protection Assoc. Mtg., March 29-30. Baton Rouge, LA.

Miller, D. K., J. L. Griffin, and E. P. Richard, Jr. 1995. Evaluation of sulfometuron in sugarcane weed control programs. Southern Weed Sci. Soc. Mtg., Jan. 16-18. Memphis, TN.

Professional Development Meetings/Invited Conferences, Seminars and Symposia:

General weed control practices and recommendations. Louisiana Agricultural Technology and Management Conference. Feb. 6-8, 2008. Alexandria, LA. (Invited speaker).

Herbicide activity/fate in furrow irrigation and late season weed control. Louisiana Agricultural Technology and Management Conference. Feb. 7-9, 2007. Alexandria, LA. (Invited speaker).

Syngenta Product Update Meeting. March 22, 2007.

LSU AgCenter Supervisory Training Session. Feb. 15, 2006.

Louisiana Soybean Association Mtg. Jan. 18, 2006. Vidalia, LA.

Annual grasses, resistant pigweeds, Flex cotton, etc. Louisiana Agricultural Technology and Management Conference. Feb. 15-17, 2006. Alexandria, LA. (Invited speaker).

DWWIGT Annual Mtg. Sept. 29-30, 2005. Attended via teleconference in Winnsboro, LA broadcast from Portageville, MO.

Regional Cotton Pest Management Workshop. Oct. 31-Nov. 2, 2005. (Session moderator).

Roundup Ready Flex Cotton Academic Roundtable Meeting. Oct. 18-19, 2005. Tunica, MS. (Invited speaker).

Weed management using Roundup Ready Flex. Louisiana Agricultural Technology and Management Conference. Feb. 16-18, 2005. Alexandria, LA. (Invited speaker).

DWWIGT Annual Mtg. Sept. 15, 2004. Baton Rouge, LA.

Roundup Ready Flex Cotton Meeting. Nov. 10-11, 2004. Tunica, MS.

New cotton herbicides and basics of weed management. Louisiana Agricultural Technology and Management Conference, Jan. 29, 2004. Alexandria, LA. (Invited speaker).

Weed control in cotton with Envoke, Suprend, and Sequence. Syngenta Consultant Symposium. Jan. 21, 2004. New Orleans, LA. (Invited speaker)

Liberty Link cotton weed control research in Louisiana. BayerCropScience Florida Consultants Mtg., Feb. 18, 2003. Destin, FL. (Invited speaker).

DWIGT Annual Mtg. Sept. 30 – Oct. 1, 2003. Jackson, TN

DWWIGT Annual Mtg. Sept. 21-22, 2001. Fayetteville, AR.

DWWIGT Annual Mtg. Oct 7-8, 2000. Portageville, MO.

Uniroyal Cotton College. Evaluation of Leafless for defoliation in Louisiana cotton. Dec. 5-7, 2000. Nashville, TN. (Invited speaker)

Monsanto Product Update. Feb. 10, 2000. Baton Rouge, LA.

DuPont Staple Meeting. Staple use in transgenic cotton. March 13-14, 1999. Atlanta, GA. (Invited speaker)

DWWIGT Annual Mtg. Sept 29-Oct 1, 1999. Baton Rouge, LA.

Louisiana Cotton Producers Assoc. 30th Annual Mtg. 1998. Jan 22-23. Monroe, LA.

1998 Pest Management Consultants Workshop. Feb. 16-18. Alexandria, LA.

Monsanto Cotton Seminar. Nov. 10-11, 1997. Memphis TN.

Cotton Incorporated Crop Management Seminar. Nov. 3-4, 1997. Memphis, TN.

1998 Dealer Education Seminar (Pioneer Hybrid Intl.). Oct. 29, 1997. Tallulah, LA.

DWWIGT Annual Mtg. Oct. 19-21, 1998. Jackson, TN.

Authority Herbicide Launch. Jan. 20, 1997. Houston, TX.

Dow Elanco Coastal Soybean and Peanut University Cooperator Meeting. March 24-26, 1997. Callaway Gardens, GA.

DWWIGT Annual Mtg. October 30-31, 1997. Starkville, MS.

1997 Pest Management Consultants Workshop. Feb. 10-12, 1997. Alexandria, LA.

1997 Rhone Poulenc Cotton Seminar. Feb. 24, 1997. Monroe, LA.

1997 Rhone Poulenc Cotton Seminar. Feb. 10-11, 1997. Memphis, TN.

S-254 and S-183 Regional Research Project Annual Technical Mtg. August 19-21, 1997. Pensacola Beach, FL. (Service on project S-254).

Roundup Ready Cotton Launch Seminar. Dec. 12-13, 1996. Memphis, TN.

DuPont Fall Product Update Meeting. Nov. 12-13, 1996. Atlanta, GA.

DWWIGT Annual Meeting. Oct. 24-25, 1996. Little Rock, AR.

Other Scholarly Activities and Contributions to The Profession:

Membership in Professional Organizations:

Weed Science Society of America
Southern Weed Science Society
Louisiana Plant Protection Association
Louisiana Agricultural Sciences Association

Southern Weed Science Society Weed Contest:

Co-host/organizer of annual Southern Weed Science Society Weed Contest.
Aug 7-8, 2001.

Awards/Recognition for Scholarly Achievement:

Southern Weed Science Society Outstanding Young Weed Scientist Nominee (2007& 2008)

LSU AgCenter Rogers Research Excellence Award Recipient (2006)

LSU AgCenter Internal Leadership Program Graduate (2008)

LEAD 21 National Leadership Development Program Graduate (2007)

Alpha Alpha Chapter of Epsilon Sigma Phi

Team Award Recognition for Concordia Parish Level-Basin Cotton Program

(2006)

Louisiana Plant Protection Association

3rd Place Student Paper Competition (1992)

Southern Weed Science Society Weed Contest

5th Place Individual (1994)

3rd Place Team (1994)

2nd Place Team Coach (1997)

3rd Place Team Coach (1998)

Louisiana Division of American Society of Sugar Cane
Technologists Fellowship Recipient (1994-1995)

Research Support/Grant Activities:

USDA-CSREES, (SCRI) Specialty Crops Research Initiative Grant (co-PIs: LSU-D. Labonte, C. Clark, T. Smith, A. Villordon, D. Picha, A. Hammond, D. Ferrin, K. Guidry, D. K. Miller, J. Davis, E. Burris, and R. Story; Mississippi State University-R. Arancibia, W. Burdine, D. Cook, M. Shankle, F. Matta, J. Silva, R. Little, and S. Sabanadzovic; North Carolina State University-G. Yench, K. Pccota, J. Schulteis, G. Holmes, K. Jennings, J. Allen, G. Harris, and V. Trung; University of California- S. Stoddara; other- J. Haley and D. M. Jackson). 9/1/08 to 8/31/11 (\$2,912,313 proposed). Title: "A systems approach to improving the efficiency of sweet potato production, quality, and marketing". (submission on 8/14/08).

USDA-CSREES, (RAMP) Risk Avoidance and Mitigation Proposal (co-PIs: North Carolina State University-G. G. Wilkerson and D. L. Jordan; USDA-ARS-A. Price and T. Webster; University of Arkansas-D. Oliver; Auburn University-M. Patterson; University of Florida-A. Bennett and B. Brecke; LSU-D. K. Miller; Mississippi State University-A. Rankins; Oklahoma State University-D. Murray; University of Tennessee-R. Hayes; Texas A & M University-P. Baughmann and W. Keeling; Virginia Polytechnical Institute and State University-K. Bradley, S. Hagood, and H. Wilson). 9/1/03 to 8/31/06 (\$995,653 requested). Title: "Implementing integrated weed management throughout the Southern region using a comprehensive decision support system". (not funded).

Louisiana Sweet Potato Research Advisory Board: 2006 (\$3,500); 2007 (\$4,000). Title: "Weed management research in sweet potato".

Louisiana Soybean and Grain Research and Promotion Board: 1997 (\$20,000); 1998 (\$26,082); 1999 (\$20,000); 2000 (\$20,000); 2001 (\$20,000); 2002 (\$17,000); 2003 (\$20,000); 2004 (\$24,000); 2005 (\$28,000); 2006 (\$28,000); 2007 (\$28,000). Title: "Soybean weed control research in Northeast Louisiana".

Cotton Incorporated State Support Committee: 1997 (\$35,860); 1998 (\$35,860); 1999 (\$30,000); 2000 (\$30,000); 2001 (\$25,000); 2002 (\$24,750); 2003 (\$22,275). Title: "Optimizing weed management, profitability, and yields using transgenic cotton".

Cotton Incorporated: 2000 (\$4,240). Title: "Optimizing defoliation timing using

colman".

National Cotton Council: 2000 (\$3,750); 2001 (\$3,750). Title: "Defoliation working group".

Cotton Foundation: 2006 (\$10,500 requested). Title: "Response of Roundup Ready Flex cotton to co-applications of glyphosate, insecticides, and plant growth regulator". (not funded)

Cotton Foundation: 2006 (\$10,500 requested). Title: "Competitive impact of volunteer Roundup Ready soybean in Roundup Ready cotton". (not funded)

Cotton Foundation: 2007 (\$10,500 requested). Title: "Glyphosate resistance screening in suspected Louisiana weed populations". (not funded).

Unrestricted Research Grant Support: 1996 (\$3,500); 1997 (\$59,000); 1998 (\$74,350); 1999 (\$71,000); 2000 (\$76,600); 2001 (\$83,050); 2002 (\$73,535); 2003 (\$47,500); 2004 (\$45,790); 2005 (\$65,250); 2006 (\$70,770); 2007 (\$68,550). Cooperative research with agro-chemical companies.

In-kind Research Support: 2004 (approx. \$80,000); 2005 (approx. \$90,000); 2006 (approx. \$85,000); 2007 (approx. \$95,000); 2008 (approx. \$105,000). Secured gratis chemical to be used in research and general production areas at Northeast and Macon Ridge Research Stations.

Theses/Dissertations Directed:

As Major Advisor:

Lee, Donna. R. M. S. Thesis: Competitive potential of Roundup Ready cotton and soybean as weed species.

First Place County Agent Paper Contest, Louisiana Agricultural Sciences Assoc. Meeting (2007)

Scroggs, Derek. M. May 2006. M. S. Thesis: Evaluation of weed control strategies in second generation Roundup Ready cotton.

Recipient of 2006 Gamma Sigma Delta Graduate Student Merit Honor Roll Award (2006).

First Place Student Paper Contest, Beltwide Cotton Conference Weed Science Research Conference (2006).

Second Place Student Poster Contest, Southern Weed Science Society Annual Mtg., (2005).

As member of graduate committee:

Jimmy Zunba, Ph. D. (Gerald Meyers, Major Advisor)

Sunny Bottoms, Ph. D. (Eric Webster, Major Advisor)

Justin Hensley, Ph. D. (Eric Webster, Major Advisor)

Derek Scroggs, Ph. D. (Sandy Stewart, Major Advisor)

Rakesh Godara, Ph. D. (Bill Williams, Major Advisor)

Luke Etheridge, Ph. D. (Jim Griffin, Major Advisor)

Malkeet Padda, Ph. D. (David Picha, Major advisor)
 Curtis Jones, Ph. D. (Jim Griffin, Major Advisor)
 Wilson Judice, M. S. (Jim Griffin, Major Advisor)
 Jonathan Siebert, Ph. D. (Sandy Stewart, Major Advisor)
 Blaine Viator, Ph. D. (Jim Griffin, Major Advisor)
 Richard Costello, Ph. D. (Jim Griffin, Major Advisor)
 D. Alan Peters, M. S. (Jim Griffin, Major Advisor)
 Joseph Pankey, Ph. D. (Jim Griffin, Major Advisor)
 Jason Bond, M. S. (Jim Griffin, Major Advisor)
 Patrick Clay, M. S. (Jim Griffin, Major Advisor)
 Roland Mendt, Ph. D. (Michael Braverman, Major Advisor)

Major Areas of Research Interest:

Weed management in cotton, soybean, and sweet potato
 Defoliation efficacy in cotton
 Integrated weed management
 Weed Biology
 Pest/Crop management chemical interactions
 Conservation tillage program weed control
 Weed management with transgenic technology
 Reduced input weed management
 Weed resistance identification and management

Outreach:

Presentations/Attendance at Clientele/Producer/Consultant/Extension Meetings:

2008 Ag Outlook Conference. Feb. 27, 2008.

Soybean weed control. 2008 Concordia Parish soybean Production Meeting. Feb. 1, 2008. (Invited speaker).

Weed control in sweet potato. 2008. East Carroll Sweet Potato Production Meeting. Dec. 14, 2007. (Invited speaker).

Weed control in soybean and cotton. Natchitoches-Red River Parishes Crop Production Meeting. Jan. 24, 2008. (Invited speaker).

Weed control research update in sweet potatoes. Louisiana Sweet Potato Commission Meeting. Jan. 12, 2008. (Invited speaker).

Reducing incidence of Weed resistance. Louisiana Cotton Forum. Jan. 23, 2008. (Invited speaker).

Weeds and use of chemicals to control weeds in sweet potatoes. Avoyelles Parish Sweet Potato Production Meeting. March 11, 2008. (Invited speaker).

Weed management in cotton and soybeans-glyphosate resistance update. Madison Parish Ag Day. Feb. 14, 2008. (Invited speaker).

Weed control issues. Louisiana Cotton Producers 40th Annual Meeting. Feb. 20, 2008. (Invited speaker).

Weed control issues-soybean and cotton. 2008 West Carroll Ag Day. Feb. 13, 2008.

(Invited speaker).

Cotton weed control research. Louisiana Cotton Producers Association Annual Meeting. Jan. 25, 2007. (Invited speaker).

Cotton weed control. 17th Annual Farm Forum and Rep Day. Jan. 29, 2007. (Invited Speaker).

Soybean weed control. 17th Annual Farm Forum and Rep Day. Jan. 29, 2007. (Invited Speaker).

Soybean and cotton weed management. Caddo Parish Crop Production Meeting. Feb. 1, 2007. (Invited speaker).

Weed resistance update. Tensas Parish Extension Field Trials Tour. July 23, 2007. (Invited speaker).

Tolerance of sweet potato to post directed applications of herbicides. Louisiana Sweet Potato Assoc. Annual Mtg. Jan. 17, 2007. (Invited speaker).

Using harvest aids in soybean production. Tensas Ag Day. Feb. 22, 2007. (Invited speaker).

Weed and grass control recommendations in cotton. 2007 Concordia Parish Cotton Production Meeting. Feb. 21, 2007. (Invited speaker).

Weeds and Resistance. Natchitoches-Red River Parishes Crop Production Meeting. Jan. 30, 2007. (Invited speaker).

Louisiana Agricultural Consultants Association Fall Researchers Retreat, Many, LA Oct. 26-27.

New weed control technologies for 2006. Northeast Louisiana Corn and Cotton Forum. Rayville, LA. Feb. 7, 2006. (Invited speaker).

Soybean weed control. 2006 Crop Demonstration and LSRVP Planning and Reporting Meeting. Oct. 19, 2006. (Invited speaker).

Soybean weed control recommendations. West Carroll Ag Day. Oak Grove, LA. Feb. 22, 2006. (Invited speaker).

Weed and grass control in soybeans-Roundup Ready resistance. Concordia Parish Soybean, Corn, and Feedgrains Mtg. Monterey, LA. Jan. 31, 2006. (Invited speaker).

Cotton defoliation recommendation for 2005. Oak Ridge Production Mtg. Oak Ridge, LA. Sept. 1, 2005. (Invited speaker).

Cotton and soybean weed control recommendations. West Carroll Ag Day. Oak Grove, LA. Feb. 15, 2005. (Invited speaker).

Louisiana Agricultural Consultants Association Fall Researchers Retreat, St. Francisville, LA Sept. 20, 2005.

Weed control in cotton with new technologies. Concordia Parish Cotton mtg. Monterey, LA. Feb. 11, 2005. (Invited speaker).

Weed control in soybeans. Concordia Parish Soybean, Corn, and Feedgrains mtg. Monterey, LA. Jan. 28, 2005. (Invited speaker).

Weed control with Roundup Ready Flex technology. Louisiana Cotton Forum. Monroe, LA. Feb. 3, 2005. (Invited speaker).

Cotton weed control: what's new in 2004. Louisiana Cotton Forum. Monroe, LA. Jan. 20, 2004. (Invited speaker).

Envoke, Suprend, Ignite, and Sequence cotton weed control programs. Corn/Cotton Production and Pesticide Recertification Meeting. Lake Providence, LA. Feb. 4, 2004. (Invited speaker).

Ignite Cotton System; Suprend and Envoke; Soybean Weed Control. Madison Parish Production and Recertification Meeting. Tallulah, LA. March 22, 2004. (Invited speaker).

Louisiana Agricultural Consultants Association Fall Researchers Retreat, St. Francisville, LA Oct. 22, 2004.

Soybean Burndown/Weed control. Soybean/Rice Production and Pesticide Recertification Meeting. Lake Providence, LA. Feb. 25, 2004. (Invited speaker).

Topics concerning weed control in cotton and soybean for 2004. Concordia Parish In-season Production Mtg. Monterey, LA. June 8, 2004. (Invited speaker).

Weed Control in Soybeans and Corn. Concordia Parish Soybean/Feedgrain Meeting. Monterey, LA. Feb. 19, 2004. (Invited speaker).

Cotton defoliation research in Louisiana. Louisiana Cotton Forum. Monroe, LA. Jan. 14, 2003. (Invited speaker).

New developments in cotton weed control. Louisiana Cotton Forum. Monroe, LA. Jan. 14, 2003. (Invited speaker).

Soybean Weed and Grass Control. Concordia Parish Soybean/Feedgrain Meeting. Monterey, LA. Feb. 11, 2003. (Invited speaker).

Weed control choices in cotton and soybeans. West Carroll Ag Day. Oak Grove, LA. Feb. 17, 2003. (Invited speaker).

Defoliation Programs. Late Season Cotton Strategies Producer Meeting. Oak Ridge, LA. Sept. 5, 2002. (Invited speaker).

Burndown Herbicide Programs. Vegetation Burndown Workshop. Delhi, LA. Feb. 14, 2002. (Invited speaker).

Post directed herbicide combinations with Aim and Harvade. Louisiana Cotton Forum. Monroe, LA. Jan. 22, 2002. (Invited speaker).

Soybean Weed Control Update. St. Landry Parish Agricultural Commodities Production Forum. Prairie Ronde, LA. Jan. 18, 2002. (Invited speaker).

Burndown Herbicide Programs. Vegetation Burndown Workshop. Delhi, LA. Feb. 27, 2001. (Invited speaker).

Weed control programs in cotton. Louisiana Cotton Forum. Monroe, LA. Jan. 18, 2001. (Invited speaker)

Potential Herbicide Carryover Problems in Cotton and Soybeans Plus New Herbicide Developments. West Carroll Ag Day. Oak Grove, LA. Feb. 1, 2000. (Invited speaker).

Herbicide Resistance Management. Crop Production Seminar. Winnsboro, LA. Feb. 18, 2000. (Invited speaker).

Cotton Burndown Weed Control. Cotton Production Meeting. Delhi, LA. March 18, 2000. (Invited speaker).

Transgenic Weed Control. Louisiana Cotton Forum. Monroe, LA. March 7, 2000. (Invited speaker)

Potential Problems with Herbicide carryover/New Developments in Weed Control for Cotton and Soybeans. West Carroll Ag Day. Oak Grove, LA. Feb. 2, 1999. (Invited speaker).

Staple weed control programs in conventional and transgenic cotton. Louisiana Cotton Forum. Monroe, LA. Jan. 14, 1999. (Invited speaker)

Burndown and Roundup Ready Weed Control Programs. Producer Recertification Mtg. St. Joseph, LA. Feb. 26, 1998. (Invited speaker).

New Weed Management Strategies: Transgenics. Louisiana Cotton Forum, Monroe, LA. Jan. 22, 1998. (Invited speaker)

Weed Control Options in a Rotation System. Franklin Parish Crops Forum. Winnsboro, LA. Feb. 23, 1998. (Invited speaker).

Cotton Weed Control. Extension Agent Training Mtg. Winnsboro, LA. Feb. 9, 1998. (Invited speaker).

Cotton Weed Control Regimes and Transgenic Soybean Weed Control. Lower Delta Crop Tour: Concordia, Catahoula, Franklin, and Tensas Parishes. July 22, 1997. (Speaker on tour).

Weed Control in Cotton. Cotton Production Meeting. March 20, 1997. Monticello, LA. (Invited speaker).

Weed Control in Cotton. Cotton Production Meeting. March 6, 1997. Bastrop, LA. (Invited speaker).

Weed Control in Cotton. Cotton Production Meeting. Feb. 19, 1997. St. Joseph, LA. (Invited speaker).

Weed Control Strategies in Cotton and Soybeans. West Carroll Ag Day. Jan. 31, 1997. Oak Grove, LA. (Invited speaker).

Presentations at Field Days:

Weed control research in cotton and soybean. Dean Lee Annual Field Day. August, 2005-2008.

Weed control research in cotton and soybean. Northeast Research Station Crop Production and Pest Management Annual Field Day. June, 1996-2008.

Weed control research in sweet potato. Sweet Potato Research Station Annual Field Day. August 14, 2008. (Invited speaker).

Weed control research in sugarcane. Research - Industry - Extension Sugarcane Weed Tour. June 9, 1994. (Invited speaker).

Weed control research in sugarcane. Research - Industry - Extension Sugarcane Weed Tour. June 8, 1995. (Invited speaker).
(Invited speaker)

Other Outreach:

2006 LSU AgCenter 4-H Ag Adventures. Participated in educational display on sweet potato production.

2005 Ag Expo Ag Alley. Presented research posters.

Farm visits/phone calls:

Receive numerous phone calls and/or emails from producers and/or consultants and colleagues from academia and industry on various aspects related to weed control in cotton, soybean, and sweet potato and defoliation in cotton. In addition, make numerous on farm visits in regards to herbicide injury complaints in soybean, cotton, and sweet potato, cotton defoliation, and general weed control recommendations as requested by producers, consultants, and extension personnel.

Cooperative/Collaborative Efforts with Other Faculty

Majority of research publications have been a result of collaborative research with faculty both within and external to the LSU AgCenter. (referenced above in research publications section)

All graduate student education activities have been a result of collaborative efforts with LSU faculty. (referenced above in theses/dissertations directed section)

Co-PI on multi-state proposed USDA-CSREES RAMP proposal and USDA-CSREES SCRI Grant. (referenced above in grants activity section)

Collaborated with Professor Eugene Burris and Ph. D. graduate student Richard Costello on weed control component of Southern Region IPM grant entitled "Development of an area-wide integrated pest management program for tarnished plant bug in the Delta of Mississippi and Louisiana (2001 to 2003)

Participant in Multi-State Cotton Defoliation Working Group. (1999 to present).

Participant in Multi-State Research Project S-286 entitled "Herbicide persistence in Southern soils: bioavailable concentration and effect on sensitive rotational crops. (Oct. 1 1998 to Sept. 30, 2000)

Served as co-host for the 2001 Southern Weed Science Society of America annual Weed Contest. (Aug. 7-8 2001)

Served as co-host for 2000 and 2004 DWWGT annual Mtg. (Sept. 29 to Oct. 1)

Community Involvement (as it relates to the AgCenter mission)

Tensas Rotary Club. Presentation entitled "Northeast Research Station and the LSU AgCenter". April 17, 2007.

Tensas Elementary, 6th grade science class. Presentation entitled "Experiments in Agriculture". Aug. 22, 1997.

MPSEA Regional Science Fair
Judge (April 15, 2001)

Overall Program Impact

Research results are used each year to compile extension recommendation guidelines for cotton, soybean, and sweet potato. Results are also presented at numerous producer/agent training and professional meetings. Research findings also resulted in numerous publications in refereed scientific journals, Louisiana Agriculture magazine articles, proceeding abstracts, and mass media articles. Research efforts have also resulted in a significant amount of grant funds for support of the soybean, cotton, and sweet potato weed control research programs and the Northeast Research Station. As a result of research conducted in the programs, producers have been implementing weed management programs using transgenic technology that have led to reductions in overall production costs. Weed management shifts from older to newer technologies by producers, adopted in part based on research findings, have resulted in costs savings of approximately 4 and 10 million dollars in statewide cotton and soybean production, respectively. Results demonstrating the ability to integrate pest management strategies through co-application of compounds can result in decreased application/fuel costs of approximately one-third due to reduced trips through the field. Research conducted on the identification of glyphosate-resistant weed species and identification of alternative control measures and effective rotations can save the value of these newer technologies to the producer. Yearly research results are included in herbicide recommendations for producers to refer to when making weed management strategy decisions. Research provides producers with an unbiased database including both positive and negative aspects of newer technologies or compounds and effects of IPM and conservation approaches on weed management. Conservation weed management research has allowed producers to more readily adopt conservation tillage production systems that have in turn reduced soil erosion and potentially improved water quality.

SERVICE ACTIVITIES

Student Organizations Advised:

LSU Weed Science Weed Contest Team

Team Assistant Coach (1996-1998)

Recruitment of Students and Faculty:

LSU College of Agriculture Alumni Association:

Board member, area 3. (2000 to present)

Involved in fund raising activities sponsored by the association with benefits going to scholarships for recruitment of students in the college.

Nominating Committee Chair, 2003-2004, 2006-2008

Involved in identifying potential board members

Outstanding Alumni Committee (2007)

LSU Northeast Research Station:

Search Committee, Asst./Assoc. Professor (Weed Management Specialist) (2007)

Search Committee, Asst. Professor, Agronomy (2000 and 2003)

Search Committee, Research Associate, Weed Science (2000)

Search Committee, Research Associate, Weed Science (1999)

Search Committee, Asst. Professor, Weed Science (1996)

LSU Cooperative Extension Service:

Search Committee, Franklin Parish 4-H Youth Development Agent (2006)

Search Committee, Asst. Specialist, Weed Science (2000)

LSU AgCenter/University Service:

LSU AgCenter Hurricane Recovery Committee (2008-2009)

Northeast Research Station Promotion and Tenure Committee (2002-present)

Northeast Research Station Pesticide Procurement Committee Chair (2005-present)

LAES Awards Committee (2007)

Search Committee, Asst./Assoc. Professor/Specialist, Dean Lee Research Station (Weed Science) (2007)

Search Committee, Asst./Assoc. Professor, Scott Research and Extension Center (Weed Management Specialist) (2007)

Search Committee Chair, Sweet Potato Research Station Research Coordinator (2006 to 2008)

Tensas Extension Agricultural Program

Advisory Committee Member (2000, 2006-2008)

LSU AgCenter Faculty Council Member (2006 to present)

LSU AgCenter Internal Leadership Program Development Committee (2007)

LSU AgCenter Sweet Potato ACE committee Member (2006 to present)

LSU AgCenter Facility Planning Committee (2006 to present)

LSU AgCenter 4-H Ag Adventures Sweet Potato Display Organizing Committee (1996-1997)

LSU AgCenter Sponsored Program Committee (2007 to present)

LSU AgCenter Cotton Forum Planning Committee (1997 to 2004)

LSU AgCenter Cotton and Soybean ACE committees (1998 to present)

LSU AgCenter Cotton Variety Recommendation Committee (1997 to present)

LSU AgCenter Weed Control Recommendation Committee (1996 to present)

LAES Project, Proposal, Manuscript Review (1996 to present)

LSU AgCenter Herbicide Recommendation Committee (1996 to present)

LSU College of Agriculture Alumni Association
Board member, area 3. (2000 to present)

LSU Graduate Faculty

Full Member (2002 to present)

Associate Member, (April 2002 to July 2002)

Affiliate Member (July 1996 to April 2002)

LSU Agronomy Department/School of Plant, Environmental, and Soil Sciences

Adjunct Member (2001 to present)

Professional Service:

Alpha Zeta

Scribe (1989)

U.S.L. Agronomy Club

Vice President (1988)

Southern Weed Science Society (Current Member)

Executive Board Member-At-Large (2008-present)

Outstanding Weed Scientist Committee Chair (2006-2007)

Outstanding Weed Scientist Committee Member (2005-2006)

Student Paper Competition (1993,1996)

Student Paper Presentation (1992-1994, 1996)

Student Poster Competition (1995)

Manuscript Review (1996 to present)

Annual Meeting Section Moderator (1997)

Student Poster Contest Judge (1998-present)

Co-host Annual Weed Contest (Aug. 7-8, 2001)

Weed Science Society of America (Current Member)

Associate Editor, Journal of Weed Technology (Jan 2004 to present)

Outstanding Weed Technology Paper Committee Member (2005-2010)

Manuscript Review (1996 to present)

Co-host Annual SWSS Weed Contest (Aug. 7-8, 2001)

**Louisiana Plant Protection Association/Louisiana Agricultural Sciences Association
(Current Member)**

Session Moderator (2007)

Vice President (2005-2006)

Secretary (2000 to 2005)

Student Paper Competition (1992-1994, 1996)

Session Moderator, Paper Contest Judge (1998 and 2003)

Southern Weed Science Society Weed Contest

Co-host Annual Contest (Aug. 7-8, 2001)

LSU Team Assistant Coach (1996-1998)

LSU Team Member (1991-1994)

National Cotton Council

Associate Editor, Journal of Cotton Science (Jan 2004 to present)

Beltwide Cotton Conference

Weed Science Chairperson (2002-2004)

Weed Science Chairperson Elect (2002)

Section Moderator (1999)

Manuscript review (1998 to present)

Southern Conservation Tillage Conference

Planning Committee (2000)

Service to Clientele:

1996 to present Make numerous on farm visits and take numerous phone calls regarding complaints and/or recommendations directly through producers or indirectly through consultants and LCES personnel. Also conduct numerous studies with results used by extension personnel to make producer recommendation guides.

Service to Ag Center Personnel:

1996 to present Involved in numerous collaborative research projects with LAES and LCES personnel.

External Service:

Texas Rotary Club

Invited speaker, April 17, 2006

St. Joseph's Catholic Church

Parish Council (1999 to 2001)

Parish Council President (2000 to 2001)

Texas Sportsman Festival

2nd Place Entry Wildgame Cookoff (1999)

LSU Alumni Assoc.

Member (1996 to present)

Tiger Athletic Foundation

Member (2001-present)

Texas Dixie Youth Baseball

Volunteer Coach, 4 to 6 yr. Tee-ball division (2001)

Westminster Christian Academy

**Senior High School Flag Football Volunteer Coach, Offensive Coordinator
(1989)**

