CURRICULUM VITAE

Theodore Michael Webster
Crop Protection and Management Research Unit
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Education

B.S. 1991 Ohio State University, Columbus
Major: Agronomy

M.S. 1993. Ohio State University, Columbus
Major: Agronomy – Weed Science (Major advisor: Dr. Mark Loux)
Title of thesis: **Giant Ragweed (*Ambrosia trifida* L.) Interference and Canopy Architecture Studies**

Ph.D. 1996 North Carolina State University, Raleigh
Major: Crop Science – Weed Science (Major advisor: Dr. Harold Coble)
Title of dissertation: **Purple nutsedge (*Cyperus rotundus*) Population Dynamics and Interference in Corn (*Zea mays*) and Cotton (*Gossypiumhirsutum*)**

Professional positions

Ohio State University, OARDC, Wooster

Post-Doctoral Research Associate	1996 – 1998

USDA-ARS, Crop Protection and Management Research Unit, Tifton, GA

Research Agronomist (GS-12)	1998 – 2002
Research Agronomist (GS-13)	2002 – 2006
Research Agronomist (GS-14)	2006 – present

University of Georgia, Tifton

Adjunct Research Scientist	1999 – present

Service to Professional Societies

Associate Editor, Weed Technology, a journal of the Weed Science Society of America, 2002 – present

Southern Weed Science Society
Weed Identification Committee, 1999 – present
Weed Survey Committee, Chairman, 1999 – present
Weed Scientist of the Year Awards Committee, 2007 – present
Computer Application Committee, 2007 – present
Annual Meeting Proceedings Editor, 2009 – 2011

Weed Science Society of America
Necrology Committee, 2004 – present
Integrated Weed Management Committee, 2006 – 2010

Served as a reviewer for the following journals:

- Agriculture, Ecosystems & Environment
- Agronomy Journal
- Chemosphere
- Crop Protection
- Crop Science
- Environmental & Experimental Botany
- HortScience
- Horttechnology
- Journal of Cotton Science
- Journal of the Torrey Botanical Society
- Industrial Crops and Products
- International Turfgrass Society Research Journal
- Invasive Plant Science & Management
- Nematropica
- Peanut Science
- Pest Management Science
- Philippine Agricultural Scientist
- Plant Health Progress
- Seed Science Research
- Weed Research
- Weed Science
- Weed Technology
- Word Cotton Conference IV

Served on grant review panel:

North Central IPM Grants Review Panel (3-5 December 2004). Responsible for evaluating and making recommendations on research proposals

Honors and Awards:

1994 Outstanding Paper in Weed Technology, Weed Science Society of America
2001 Junior Scientist Award, Coastal Plain Experiment Station, Tifton, GA
2005 Communication Award, National Assoc. County Agricultural Agents
2006 Outstanding Education Materials Award, American Society of Agronomy

Referred Journal Publications (Career: 54, last 5 years: 28)

1. **Webster, T. M.**, M. M. Loux, E. E. Regnier, and S. K. Harrison. 1994. Giant ragweed (*Ambrosia trifida*) canopy architecture and interference studies in soybean (*Glycine max*). Weed Technol. 8:559-564.
2. **Webster, T. M.** and J. Cardina. 1997. Accuracy of a global positioning system (GPS) for weed mapping. Weed Technol. 11:782-786.
3. **Webster, T. M.** and H. D. Coble. 1997. Purple nutsedge (*Cyperus rotundus*) management in corn (*Zea mays*) and cotton (*Gossypium hirsutum*) rotations. Weed Technol. 11:543-548.
4. **Webster, T. M.** and H. D. Coble. 1997. Changes in the weed species composition of the southern United States: 1974 to 1995. Weed Technol. 11:308-317.
5. **Webster, T. M.**, J. W. Wilcut, and H. D. Coble. 1997. Influence of AC 263,222 rate and application method on weed management in peanut (*Arachis hypogaea*). Weed Technol. 11:520-526.
6. Cardina, J., **T. M. Webster**, and C. P. Herms. 1998. Long-term tillage and rotation effects on soil seedbank characteristics. Aspects Appl. Biol. 51:213-220.
7. **Webster, T. M.**, J. Cardina, and M. M. Loux. 1998. The influence of weed management in wheat (*Triticum aestivum*) stubble on weed control in corn (*Zea mays*). Weed Technol. 12:522-526.
8. **Webster, T. M.**, J. Cardina, and H. M. Norquay. 1998. Tillage and seed depth effects on velvetleaf (*Abutilon theophrasti*) emergence. Weed Sci. 46:76-82.
9. **Webster, T. M.** and J. Cardina. 1999. *Apocynum cannabinum* seed germination and vegetative shoot emergence. Weed Sci. 47:524-528.

10. **Webster, T. M.**, J. Cardina, and S. J. Woods. 2000. Spatial and temporal expansion patterns of *Apocynum cannabinum* patches. Weed Sci. 48:728-733.
11. **Webster, T. M.**, J. Cardina, and S. J. Woods. 2000. *Apocynum cannabinum* interference in no-till *Glycine max*. Weed Sci. 48:716-719.
12. Johnson, W. C., III and **T. M. Webster**. 2001. A modified power tiller for metham application on cucurbit crops transplanted to polyethylene-covered seedbeds. Weed Technol. 15:387-395.
13. **Webster, T. M.**, A. S. Csinos, A. W. Johnson, C. C. Dowler, D. R. Sumner, and R. L. Fery. 2001. Methyl bromide alternatives in a bell pepper-squash rotation. Crop Prot. 20:605-614.
14. **Webster, T. M.** and G. E. MacDonald. 2001. A survey of weeds in various crops in Georgia. Weed Technol. 15:771-790.
15. Csinos, A. S., **T. M. Webster**, D. R. Sumner, A. W. Johnson, C. C. Dowler, and K. W. Seebold. 2002. Application and crop safety parameters for soil fumigants. Crop Prot. 21:973-982.
16. **Webster, T. M.** 2003. High temperatures and durations of exposure reduce nutsedge (*Cyperus* spp.) tuber viability. Weed Sci. 51:1010-1015.
17. **Webster, T. M.**, C. W. Bednarz, and W. W. Hanna. 2003. Sensitivity of triploid hybrid bermudagrass cultivars and common bermudagrass to postemergence herbicides. Weed Technol. 17:509-515.
18. **Webster, T. M.**, J. Cardina, and A. D. White. 2003. Weed seed rain, soil seedbanks, and seedling recruitment in no-tillage crop rotations. Weed Sci. 51:569-575.
19. **Webster, T. M.**, A. S. Culpepper, and W. C. Johnson, III. 2003. Response of squash and cucumber cultivars to halosulfuron. Weed Technol. 17:173-176.
20. Culpepper, A. S., J. T. Flanders, A. C. York, and **T. M. Webster**. 2004. Tropical spiderwort (*Commelina benghalensis*) control in glyphosate-resistant cotton. Weed Technol. 18:432-436.
21. Culpepper, A. S., **T. M. Webster**, A. C. York, R. M. Barrentine, and B. G. Mullinix, Jr. 2004. Glyphosate/MSMA mixtures in glyphosate-resistant cotton (*Gossypium hirsutum*). J. Cot. Sci. 8:124-129.
22. Desaeger, J. A. J., J. E. Eger, A. S. Csinos, J. P. Gilreath, S. M. Olson, and **T. M. Webster**. 2004. Movement and biological activity of drip-applied 1,3-dichloropropene and chloropicrin in raised mulched beds in the southeastern USA. Pest Manag. Sci. 60:1220-1230.
23. Martinez-Ochoa, N., S. W. Mullis, A. S. Csinos, and **T. M. Webster**. 2004. First report of yellow nutsedge (*Cyperus esculentus*) and purple nutsedge (*C. rotundus*) in Georgia naturally infected with *Impatiens necrotic spot virus* (INSV). Plant Dis. 88:771.
24. **Webster, T. M.** and J. Cardina. 2004. A review of the biology and ecology of Florida beggarweed (*Desmodium tortuosum*). Weed Sci. 52:185-200.
25. **Webster, T. M.**, W. W. Hanna, and B. G. J. Mullinix. 2004. Bermudagrass (*Cynodon* spp.) dose-response relationships with clethodim, glufosinate, and glyphosate. Pest Manag Sci. 60:1237-1244.
26. Davis, R. F. and **T. M. Webster**. 2005. Relative host status of selected weeds and crops for *Meloidogyne incognita* and *Rotylenchulus reniformis*. J. Cot. Sci. 9:41-46.
27. **Webster, T. M.** 2005. Mulch type affects growth and tuber production of yellow nutsedge (*Cyperus esculentus*) and purple nutsedge (*Cyperus rotundus*). Weed Sci. 53:834-838.

28. **Webster, T. M.** 2005. Patch expansion of purple nutsedge (*Cyperus rotundus*) and yellow nutsedge (*Cyperus esculentus*) with and without polyethylene mulch. Weed Sci. 53:839-845.
29. **Webster, T. M.**, M. G. Burton, A. S. Culpepper, A. C. York, and E. P. Prostko. 2005. Tropical spiderwort (*Commelina benghalensis*): A tropical invader threatens agroecosystems of the southern United States. Weed Technol. 19:501-508.
30. **Webster, T. M.** and A. S. Culpepper. 2005. Eggplant tolerance to halosulfuron applied through drip-irrigation. HortSci. 40:1796-1800.
31. **Webster, T. M.** and A. S. Culpepper. 2005. Halosulfuron has a variable effect on cucurbit growth and yield. HortSci. 40:707-710.
32. Culpepper, A. S., T. L. Grey, W. K. Vencill, J. M. Kichler, **T. M. Webster**, S. M. Brown, A. C. York, J. W. Davis, and W. W. Hanna. 2006. Glyphosate-resistant Palmer amaranth (*Amaranthus palmeri*) confirmed in Georgia. Weed Sci. 54:620-626.
33. Davis, R. F., **T. M. Webster**, and T. B. Brenneman. 2006. Host status of tropical spiderwort (*Commelina benghalensis*) for nematodes. Weed Sci. 54:1137-1141.
34. Ferrell, J. A., T. R. Murphy, and **T. M. Webster**. 2006. Using preemergence herbicides to improve establishment of centipedegrass (*Eremochloa ophiuroides*) from seed. Weed Technol. 20:682-687.
35. Potter, T. L., C. C. Truman, T. C. Strickland, D. D. Bosch, **T. M. Webster**, D. H. Franklin, and C. W. Bednarz. 2006. Combined effects of constant versus variable intensity simulated rainfall and reduced tillage management on cotton preemergence herbicide runoff. J. Environ. Qual. 35:1894-1902.
36. **Webster, T. M.**, M. G. Burton, A. S. Culpepper, J. T. Flanders, T. L. Grey, and A. C. York. 2006. Tropical spiderwort (*Commelina benghalensis*) control and emergence patterns in preemergence herbicide systems. J. Cot. Sci. 10:68-75.
37. Grey, T. L., **T. M. Webster**, and A. S. Culpepper. 2007. Autumn vegetable response to residual herbicides applied the previous spring under low-density polyethylene mulch. Weed Technol. 21:496-500.
38. Monfort, W. S., A. S. Csinos, J. Desaeger, K. Seebold, **T. M. Webster**, and J. C. Diaz-Perez. 2007. Evaluating *Brassica* species as an alternative control measure for root-knot nematode (*M-incognita*) in Georgia vegetable plasticulture. Crop Prot. 26:1359-1368.
39. **Webster, T. M.** and R. F. Davis. 2007. Southern root-knot nematode (*Meloidogyne incognita*) affects common cocklebur (*Xanthium strumarium*) interference with cotton. Weed Sci. 55:143-146.
40. **Webster, T. M.**, W. H. Faircloth, J. T. Flanders, E. P. Prostko, and T. L. Grey. 2007. The critical period of Bengal dayflower (*Commelina bengalensis*) control in peanut. Weed Sci. 55:359-364.
41. Grey, T. L., **T. M. Webster**, and A. S. Culpepper. 2008. Weed control as affected by pendimethalin timing and application method in conservation tillage cotton (*Gossypium hirsutum* L.). J. Cot. Sci. 12:318-324.
42. Potter, T. L., C. C. Truman, T. C. Strickland, D. D. Bosch, and **T. M. Webster**. 2008. Herbicide incorporation by irrigation and tillage impact on runoff loss. J. Environ. Qual. 37:839-847.
43. **Webster, T. M.** and T. L. Grey. 2008. Growth and reproduction of Benghal dayflower (*Commelina benghalensis*) in response to drought stress. Weed Sci. 56:561-566.

44. **Webster, T. M.**, T. L. Grey, J. W. Davis, and A. S. Culpepper. 2008. Glyphosate hinders purple nutsedge (*Cyperus rotundus*) and yellow nutsedge (*Cyperus esculentus*) tuber production. Weed Sci. 56:735-742.
45. Culpepper, A. S., T. L. Grey, and **T. M. Webster**. 2009. Vegetable response to herbicides applied to low-density polyethylene mulch prior to transplant. Weed Technol. 23:444-449.
46. Goddard, R. H., **T. M. Webster**, J. R. Carter, and T. L. Grey. 2009. Resistance of Benghal dayflower (*Commelina benghalensis*) seeds to harsh environments and the implications for dispersal by mourning doves (*Zenaida macroura*) in Georgia, USA. Weed Sci. 57:603-612.
47. Grey, T. L., W. K. Vencill, **T. M. Webster**, and A. S. Culpepper. 2009. Herbicide dissipation from low density polyethylene mulch. Weed Sci. 57:351-356.
48. Prostko, E. P., R. C. Kemerait, P. H. Jost, W. C. Johnson III, S. N. Brown, and **T. M. Webster**. 2009. The influence of cultivar and chlorimuron applicaiton timing on spotted wilt disease and peanut yield. Peanut Sci. 36:92-95.
49. Sosnoskie, L. M., C. P. Herms, J. Cardina, and **T. M. Webster**. 2009. Seedbank and emerged weed communities following adoption of glyphosate-resistant crops in a long-term tillage and rotation study. Weed Sci. 57:261-270.
50. Sosnoskie, L. M., **T. M. Webster**, D. Dales, G. C. Rains, T. L. Grey, and A. S. Culpepper. 2009. Pollen grain size, density, and settling velocity for Palmer amaranth (*Amaranthus palmeri*). Weed Sci. 57:404-409.
51. **Webster, T. M.**, T. L. Grey, J. T. Flanders, and A. S. Culpepper. 2009. Cotton planting date affect the critical period of Benghal dayflower (*Commelina benghalensis*) control. Weed Sci. 57:81-86.
52. Wise, A. M., T. L. Grey, E. P. Prostko, W. K. Vencill, and **T. M. Webster**. 2009. Establishing the geographical distribution and level of acetolactate synthase resistance of Palmer amaranth (*Amaranthus palmeri*) accessions in Georgia. Weed Technol. 23:214-220.
53. Gaines, T. A., W. Zhang, D. Wang, B. Bukun, S. T. Chisholm, D. L. Shaner, S. J. Nissen, W. L. Patzoldt, P. J. Tranel, A. S. Culpepper, T. L. Grey, **T. M. Webster**, W. K. Vencill, R. D. Sammons, J. Jiang, C. Preston, J. E. Leach, and P. Westra. 2010. Gene amplification confers glyphosate resistance in *Amaranthus palmeri*. Proc. Natl. Acad. Sci. U. S. A. 107:1029-1034.
54. **Webster, T. M.** and L. M. Sosnoskie. 2010. The loss of glyphosate efficacy: a changing weed spectrum in Georgia cotton. Weed Sci. 58: 73-79.

Book Chapters

1. Cardina, J., **T. M. Webster**, C. P. Herms, and E. E. Regnier. 1999. Development of weed IPM: levels of integration for weed management. *In*: Buhler DD, editor. Expanding the Context of Weed Management. New York, NY: Haworth Press, Inc. Pp 239-267.
2. Forcella, F., **T. M. Webster**, and J. Cardina. 2003. Protocols for weed seed bank determination in agro-ecosystems. *In*: Labrada R, editor. Weed management for developing countries.: FAO Plant Production and Protection. Pp 3-18.
3. Singh, B. P., D. M. Granberry, W. T. Kelley, G. Boyhan, U. M. Sainju, S. C. Phatak, P. E. Sumner, M. J. Bader, **T. M. Webster**, A. S. Culpepper, D. G. Riley, D. B. Langston, and G. E. Fonsah. 2005. Sustainable Vegetable Production. *In*: Dris R, editor. Vegetables: Growing Environment and Mineral Nutrition. Helsinki, Finland: WFL Publisher. Pp 1-38.
4. Culpepper, A. S., **T. M. Webster**, L. M. Sosnoskie, and A. C. York. 2010. Glyphosate-resistant Palmer amaranth in the US. *In*: Nandula VK, editor. Glyphosate Resistance: Evolution, Mechanisms, and Management. Hoboken, NJ: John Wiley & Sons, Inc.

Other publications

1. **Webster, T. M.**, Culpepper, A. S., Bennet, A., and Wilkerson, G. G. Validation of cotton-HERB in Georgia: Year 1. 1999. pp. 38-42. In Bednarz, C. W. and Culpepper, A. S. (eds) Cotton Research and Extension Report, University of Georgia, College of Agricultural and Environmental Sciences. 341 pp. (Technical Bulletin)
2. **Webster, T. M.**, Bednarz, C. W., and Hanna, W. W. 1999. Can triploid hybrid bermudagrass cultivars be weeds in cotton?, pp.43-46. In Bednarz, C. W. and Culpepper, A. S. (eds) Cotton Research and Extension Report, University of Georgia, College of Agricultural and Environmental Sciences. 341 pp. (Technical Bulletin)
3. Cardina, J., Herms, C. P., Koch, T., **Webster, T. M.**, Chamberlain, K., Reid, S., and Lohnes, D. 1999. The Ohio Perennial and Biennial Weed Identification Guide. (Available at http://www.oardc.ohio-state.edu/weedguide/) (On-line Publication)
4. **Webster, T. M.** (Chairman). 2000. Annual weed survey of the Southern Weed Science Society. Grass crops subsection. Proc. South. Weed Sci. Soc. 53:247-274. (Annual Regional Survey)
5. **Webster, T. M.**, Culpepper, A. S. and Hardison, G. B. 2000. Validation of cotton HADSS (herbicide application decision support system): year 2, pp. 196-202. *In* Culpepper, A. S. and Bednarz, C. W. (eds) Cotton Research and Extension Report, University of Georgia, College of Agricultural and Environmental Sciences. 298 pp. (Technical Bulletin)
6. Csinos, A.C. and **Webster, T.M.** 2000. Methyl bromide alternatives in bell pepper. pp. 54-60. *In* Kelley, W.T. and Langston, D.B. (eds) Vegetable Research and Extension Report, University of Georgia, College of Agricultural and Environmental Sciences. 84 pp. (Technical Bulletin)
7. **Webster, T. M.** (Chairman). 2001. Annual weed survey of the Southern Weed Science Society. Broadleaf crops subsection. Proc. South. Weed Sci. Soc. 54:274-282. (Annual Regional Survey)
8. **Webster, T.M.** 2001. Halosulfuron (Sandea) has a variable affect on squash growth and yield. pp. 65-68. *In* Kelley, W.T. and Langston, D.B. (eds) Vegetable Research and Extension Report, University of Georgia, College of Agricultural and Environmental Sciences. 176 pp. (Technical Bulletin)
9. Johnson, W.C. III and **Webster, T.M.** 2001. Weed management in watermelon and cantaloupe transplanted on polyethylene covered seedbeds. pp. 51-64. *In* Kelley, W.T. and Langston, D.B. (eds) Vegetable Res. and Ext. Rep. Univ. Georgia Coll. Ag and Env. Sci. 176 pp. (Technical Bulletin)
10. **Webster, T.M.** (Chairman). 2002. Annual weed survey of the Southern Weed Science Society. Vegetable, Fruit and Nut Crops Subsection (Cucurbits, Fruiting Vegetables, Cole Crops and Greens, Other Vegetables, Peaches, Apples, Fruits and Nuts, Citrus Crops). Proc. South. Weed Sci. Soc. 55:237-258. (Annual Regional Survey)
11. **Webster, T.M.** 2002. What soil temperature will kill nutsedge tubers? pp. 88-97. *In* Kelley, W.T. and Langston, D.B. (eds) Vegetable Research and Extension Report, University of Georgia, College of Agricultural and Environmental Sciences. 274 pp. (Technical Bulletin)
12. **Webster, T.M.** 2002. A tale of two nutsedges: differential effects of polyethylene mulch on early season growth of purple nutsedge and yellow nutsedge. pp. 98-102. *In* Kelley,

W.T. and Langston, D.B. (eds) Vegetable Research and Extension Report, University of Georgia, College of Agricultural and Environmental Sciences. 274 pp. (Technical Bulletin)

13. **Webster, T.M.** (Chairman). 2003. Annual weed survey of the Southern Weed Science Society. aquatic, industrial, nursery and container ornamentals, power lines, and rights-of-way subsection. Proc. South. Weed Sci. Soc. 56:393-402. (Annual Regional Survey)
14. Davis, R. F. and **Webster, T. M.** 2003. Weeds as hosts fore the southern root-knot nematode. 2002 University of Georgia Cotton Research and Extension Report. p. 318-319. (Technical Bulletin)
15. **Webster, T.M.** 2003. Nutsedge (*Cyperus* spp.) eradication: impossible dream? pp. 21-25. In Riley, L.E., Dumroese, R.K., Landis, T.D. (eds). National Proceedings: Forest and Conservation Nursery Association. Odgen, UT: USDA Forest Service, Rocky Mountain Research Station Proceedings. RMRS-P-28. (Technical Bulletin)
16. Martinez, N., Csinos, A. S., **Webster, T. M.**, Bertrand, P. Waldner, M. V., Whiddon, J. Duffie, W. Flanders, T., and Cook, M. J. 2003. Preliminary results of a survey of weeds as host of tomato spotted wild virus and Impatiens necrotic spot virus around tobacco fields in Georgia. University of Georgia Tobacco Research and Extension Report. p. 318-319. (Technical Bulletin)
17. **Webster, T.M.** (Chairman). 2004. Annual weed survey of the Southern Weed Science Society. Grass crops subsection. Proc. South. Weed Sci. Soc. 57:404-426. (Annual Regional Survey)
18. Prostko, E. P., Culpepper, A. S., **Webster, T. M.**, and Flanders, J. T. 2005. Tropical spiderwort identification and control in Georgia field crops. University of Georgia Cooperative Extension Service Bulletin, Tifton, GA. Available at http://pubs.caes.uga.edu/caespubs/pubsPDF/c884.pdf. (Technical Bulletin)
19. **Webster, T.M.** (Chairman). 2005. Annual weed survey of the Southern Weed Science Society. Broadleaf crops subsection. Proc. South. Weed Sci. Soc. 58:291-306. (Annual Regional Survey)
20. **Webster, T.M.** (Chairman). 2006. Annual weed survey of the Southern Weed Science Society. Vegetable, fruit, and nut crops subsection. Proc. South. Weed Sci. Soc. 58:260-277. (Annual Regional Survey)
21. **Webster, T. M.**, T. L. Grey, and A. S. Culpepper. 2006. Lack of nutsedge efficacy is a problem when halosulfuron is applied through drip irrigation. Proc. Ann. International Res. Conf. Methyl Bromide Alternatives & Emissions Reductions. pp. 129.1-129.4. (Proceedings Paper)
22. Culpepper, A. S., A. L. Davis, and **T. M. Webster**. 2006. Methyl bromide alternatives being identified in Georgia. Proc. Ann. International Res. Conf. Methyl Bromide Alternatives & Emissions Reductions. pp. 65.1-65.4. (Proceedings Paper)
23. **Webster, T. M.** 2007. Cotton row spacing and plant population affect weed seed production. Paper 1665:1-21. *in* Proc. World Cotton Res. Conf. IV. Lubbock, TX. (Proceedings Paper)
24. **Webster, T. M.** (Chairman). 2007. Weed survey – Southern states: aquatic, industrial, nursery and container ornamentals, power lines, and rights-of-way subsection. Proc. South. Weed Sci. Soc. 60:249-261. (Annual Regional Survey)
25. Culpepper, A. S., P. Sumner, D. Langston, K. Rucker, G. Beard, J. Mayfield, **T. M. Webster**, and W. Upchurch. 2007. Can Georgia growers replace methyl bromide? Proc.

Ann. International Res. Conf. Methyl Bromide Alternatives & Emissions Reductions. pp. 20.1-20.5. (Proceedings Paper)

26. **Webster, T. M.** (Chairman). 2008. Weed survey – Southern states: grass crops subsection. Proc. South. Weed Sci. Soc. 61:224-243. (Annual Regional Survey)
27. Culpepper, A. S., L. M. Sosnoskie, K. Rucker, B. Tankersley, D. Langston, and **T. M. Webster**. 2008. DMDS or the 3-Way: which is more effective in Georgia?. Proc. Ann. International Res. Conf. Methyl Bromide Alternatives & Emissions Reductions. pp. 7.1-7.4. (Proceedings Paper)
28. **Webster, T. M.** (Chairman). 2009. Weed survey – Southern states: broadleaf crops subsection. Proc. South. Weed Sci. Soc. 62:509-524. (Annual Regional Survey)

Competitive grants received

1. "**Utilization of soil amendments and brassica winter crops for management of soil-borne pests and diseases in vegetable plasticulture**," USDA-CSREES- Methyl Bromide Transitions. ($422,000)
2. "**Replacing methyl bromide using integrated systems including mulches, herbicides, and fumigants**," USDA-CSREES-Methyl Bromide Transitions. ($419,000)
3. "**Novel herbicide formulations for conservation tillage**," Binational Agricultural Research and Development Fund. ($345,000)
4. "**Assisting vegetable growers in the adoption of methyl bromide alternatives for weeds, diseases, and nematodes**", USDA-CSREES- Methyl Bromide Transitions. ($565,245)

Presentations at professional meetings

A. **North Central Weed Science Society** Annual Meeting (1991-1992, 1999). Attended three meetings and made two presentations.
B. **Weed Science Society of America** Annual Meeting (1993-present). Attended 11 meetings, moderated one session, and made 23 presentations.
C. **Weed Science Society of North Carolina** (1994-1996 and 2004). Attended four meetings and made two presentations.
D. **Southern Weed Science Society** Meetings (1995-present) Attended 13 annual meetings and made 27 presentations.
E. **American Peanut Research and Education Society** (1994, 1999, 2006). Attended three meetings, moderated one session and presented two papers, organized one symposium (*Tropical spiderwort: an new exotic-invasive weed in peanut*).
F. **International Brighton Crop Protection Conference on Weeds** (1997), Brighton, UK. Attended one meeting.
G. **International Research Conference on Methyl Bromide Alternatives and Emissions Reductions** (1998, 2000, 2006, 2008). Attended four meetings and presented six papers.
H. **American Society of Agronomy** Meetings (2001). Made one presentation.
I. **Beltwide Cotton Research Conference** (2002, 2005). Attended two meetings, moderated one session, made two presentations, and was a co-author on five other presentations.
J. **American Phytopathological Society** (2003). Co-author on one presentation.
K. **Ecological Society of America** (2003). Attended one meeting and made two presentations.

L. **International Weed Science Society** (2004, 2008). Attended one meeting, made one presentation and co-author on four other presentations.
M. **American Chemical Society** National Meeting (2005). Co-author on one presentation.
N. **World Cotton Conference, IV** (2007). Presented one paper and co-author on three others.
O. Symposium on *Tropical Spiderwort/Bengal dayflower: an exotic invasive weed in the Southeast US*, University of Georgia, Tifton Campus, 2005. Organized this stand-alone symposium that was attended by 70 scientists, customers, and stakeholders from around the Southeast US (http://www.cropsoil.uga.edu/weedsci/tsw2005/index.html)

Invited Presentations

The Effect of Plastic Mulch on Nutsedge Growth, Southeastern Region Fruit and Vegetable Grower's Conference, Savannah, GA, January 2006

Preliminary Findings Concerning Glyphosate-Resistant Palmer Amaranth and Benghal Dayflower in Georgia, Colorado State University, Ft. Collins, April 2006

The Tuber: Considerations for Nutsedge Management, Southeastern Region Fruit and Vegetable Grower's Conference, Savannah, GA, January 2007

Nutsedge-Vegetable Crop Interactions in Mulched Systems, Southeastern Regional Fruit and Vegetable Growers' Conference, Savannah, GA, January 2007

Palmer Amaranth Update in Georgia, Regional Glyphosate-Resistant Palmer Amaranth Research Planning Meeting, Little Rock, AR, December 2007

Nutsedge Emergence and Mulch Color, Southeastern Regional Fruit and Vegetable Growers' Conference, Savannah, GA, January 2008

Weed Management Challenges in Georgia Conservation Tillage, joint meeting with USDA-ARS, USDA-NRCS, Auburn University, Clemson University, Mississippi State University, University of Arkansas, University of Georgia, Dow Agrosciences, Monsanto, Bayer, Syngenta, Cotton Incorporated, Georgia Cotton Commission, and National Cotton Council; Athens, GA, August 2008

Benghal Dayflower: Tales of an exotic species, The Science Seminar Series, Valdosta State University, September 2008

The Loss of Glyphosate Efficacy: A Changing Weed Spectrum in Georgia, Bridging the Gap Between Evolutionary Ecology and Crop Science, attended by scientists from University of Georgia, University of Arkansas, University of Illinois, University of California-Riverside, Weizmann Institute of Science (Israel), University of Warwick (UK), Washington University, Ohio State University, University of Toronto, University of Minnesota, University of Chicago, University of Tennessee, USDA-ARS, and US EPA; Athens, GA, September 2008

Weed Management Challenges in Georgia: Palmer Amaranth and Benghal Dayflower, 9th Annual Conservation Production Systems Training Conference, Thomasville, GA, February 2009

Palmer Amaranth, a Challenge to Conservation Tillage in Georgia, Georgia Conservation Tillage Alliance, Hawkinsville, GA, February 2009