

ALAN C. YORK
William Neal Reynolds Professor Emeritus
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HIGHER EDUCATION

BS Agronomy, North Carolina State University, 1974
MS Crop Science (weed science specialization), North Carolina State University, 1976
PhD Agronomy (weed science specialization), University of Illinois, 1979

PROFESSIONAL POSITIONS

William Neal Reynolds Professor Emeritus; Crop Science Department, North Carolina State University, Raleigh; January, 2010 to present (half-time research/teaching appointment)

Technology Development Representative; Monsanto Company; February, 2009 to December, 2009

William Neal Reynolds Distinguished Professor; Crop Science Department, North Carolina State University, Raleigh; July, 2001 to February, 2009

Professor and Crop Science Extension Specialist - Weed Management; Crop Science Department, North Carolina State University, Raleigh; July, 1990 to July, 2001

Associate Professor and Crop Science Extension Specialist - Weed Management; Crop Science Department, North Carolina State University, Raleigh; July, 1984 to July, 1990

Assistant Professor and Crop Science Extension Specialist - Weed Management; Crop Science Department, North Carolina State University, Raleigh; January, 1983 to July, 1984

Assistant Professor and Crop Science Extension Specialist - Cotton; Crop Science Department, North Carolina State University, Raleigh; January, 1979 to January, 1983

AREA OF SPECIALIZATION and EXPERIENCE

Weed management in agronomic crops. Conduct applied research to develop weed management systems for corn, cotton, small grains, and soybeans, with emphases on efficacy, economics, problem weeds, herbicide-resistance, rotational crop responses, pesticide interactions, transgenic crops, and new chemistry. Thirty years of extension experience in development and delivery of educational programs to help growers and those who advise growers deal with real world weed management in a cost-effective manner. Have taught undergraduate weed science courses and advised graduate students (major advisor for 20 MS and 7 PhD students).

HONORS AND AWARDS

Distinguished Service Award; Weed Science Society of North Carolina, 1989
Outstanding Extension Service Award; North Carolina State University, 1991
Outstanding Young Weed Scientist Award; Southern Weed Science Society, 1991
State Distinguished Service Award; Epsilon Sigma Phi, 1991
Cotton Extension Education Award; The Cotton Foundation, 1992
Ag Consultant Hall of Fame; Ag Consultant Magazine, 1995
Walton S. Dennis Award for Environmental Stewardship; Pesticide Association of North Carolina, 1995
Outstanding Extension Award; Weed Science Society of America, 1997
Certificate of Excellence for extension publication, American Society of Agronomy, 1998
Certificate of Excellence for extension publication, American Society of Agronomy, 1999

William Neal Reynolds Distinguished Professor, College of Agriculture and Life Sciences, NCSU, 2001
Distinguished Service Award, Southern Weed Science Society, 2002
Honorary Membership, Alpha Zeta Fraternity, North Carolina State University Chapter, 2002
Outstanding Faculty Member, North Carolina State University Agronomy Club, 2006
Fellow, Weed Science Society of America, 2006
Weed Scientist of the Year, Southern Weed Science Society, 2007
Walton S. Dennis Award for Environmental Stewardship; Pesticide Association of North Carolina, 2008
Outstanding Service Award; North Carolina Soybean Producers Association, 2009
Outstanding Service Award; North Carolina Cotton Producers Association, 2009
Order of the Long Leaf Pine, Governor of North Carolina, 2009
Alexander Quarles Holladay Medal for Excellence, Board of Trustees, North Carolina State University, 2009

PROFESSIONAL SERVICE

Editorships

Associate Editor, *Peanut Science* 1994 to 1997
Associate Editor, *Journal of Cotton Science*, 1997 to 2004
Associate editor, *Weed Technology*, 1992 to 1995

Offices and Boards:

Council for Agricultural Science and Technology (CAST), Board of Directors, 1999-2001
Southern Weed Science Society, Board of Directors, 1999-2001
Southern Weed Science Society, Secretary-Treasurer, 2005-2008
Southern Weed Science Society, Chair of Endowment Board, 2008-2009
Weed Science Society of North Carolina, Past-President 1996, President 1995, Vice-President 1994,
Secretary-Treasurer 1989-93, Secretary 1986-89, Board of Directors 1986-96

PUBLICATIONS

Refereed journals: 102

Examples: (denotes graduate student as senior author)*

- Bradley, A. L. *, A. C. York, F. H. Yelverton, A. S. Culpepper, and R. B. Batts. 2001. Fluometuron carryover to flue-cured tobacco following application to cotton. *J. Cotton Sci.* 5:184-196.
- Beam, J. B. *, D. L. Jordan, A. C. York, T. G. Isleib, J. E. Bailey, T. E. McKemie, J. F. Spears, and P. D. Johnson. 2002. Influence of prohexadione calcium on pod yield and pod loss of peanut. *Agron. J.* 94:331-336.
- Crooks, H. L. *, A. C. York, A. S. Culpepper, and C. Brownie. 2003. CGA-362622 antagonizes annual grass control by graminicides in cotton (*Gossypium hirsutum*). *Weed Technol.* 17:373-380
- York, A. C., A. S. Culpepper, and A. M. Stewart. 2004. Response of strip-tilled cotton to preplant applications of dicamba and 2,4-D. *J. Cotton Sci.* 8:213-222.
- York, A. C., J. B. Beam, and A. S. Culpepper. 2005. Control of volunteer glyphosate-resistant soybean in cotton. *J. Cotton Sci.* 9:102-109.
- Gardner, A. P. *, A. C. York, D. L. Jordan, and D. W. Monks. 2006. Glufosinate antagonizes postemergence graminicides applied to annual grasses and johnsongrass. *J. Cotton Sci.* 10:319-327.
- Wilson*, D. G., Jr., A. C. York, and D. L. Jordan. 2007. Effect of row spacing on weed management in glufosinate-resistant cotton. *Weed Technol.* 21:489-495.
- Culpepper, A. J., J. R. Whitaker, A. W. MacRae, and A. C. York. 2008. Distribution of glyphosate-resistant Palmer amaranth (*Amaranthus palmeri*) in Georgia and North Carolina during 2005 and 2006. *J. Cotton Sci.* 12:306-310.
- Culpepper, A. S., A. C. York, P. Roberts, and J. R. Whitaker. 2009. Weed control and crop response to glufosinate applied to 'PHY 485 WRF' cotton. *Weed Technol.* 23:356-362.

Book Chapters: 5

Published Abstracts: 260

Extension Publications and Revisions: 286

Invited Presentations, 1999-2009: 45