



Donald D. Tyler

Professor

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Research Interests

No-tillage cropping, precision farming, biomass production

Educational Background

Ph.D., Soil Chemistry, University of Kentucky -- 1978
M.S., Soil Chemistry, University of Kentucky --1975
B.S., Agriculture and Chemistry, Murray State University --1972

Professional Experience

1991-Present Professor, B.E.E.S. - W. TN Research & Education Center
1983-1991 Associate Professor, Plant & Soil Science, WTREC, UT-
Jackson
1978-1983 Assistant Professor, Plant & Soil Science, WTREC, UT Jackson

Professional Activities

- Member, American Society of Agronomy
- Member, Soil Science Society of America
- Crop Science Society of America
- Member, Soil and Water Conservation Society
- Fellow, Soil and Water Conservation Society
- Fellow, American Society of Agronomy
- Fellow, Soil Science Society of America

Recent Publications

- Tolbert, V.R., D.E. Todd Jr., L.K. Mann, C.M. Jawdy, D.A. Mays, R. Malik, W. Bandaranayake, A. Houston, **D. Tyler**, D.E. Pettry. 2002. Changes in soil quality and below-ground carbon storage with conversion of traditional agricultural crop lands to bioenergy crop production. Environmental Pollution. 116: S97 -S106.
- Devine, Warren, **Donald Tyler**, Michael Mullen, Alan Houston, Dev Joslin, Donald Hodges, Virginia Tolbert, and Marie Walsh. 2002. Integrating woody biomass crops in rotation I. management implications. p. 786-1. 786-9. Soil Science: confronting new realities in the 21st century. Trans. World Congress of Soil Science. Bangkok, Thailand.
- Devine, Warren, Michael Mullen, **Donald Tyler**, Alan Houston, Dev Joslin, Donald Hodges, Virginia Tolbert and Marie Walsh. 2002. Integrating woody biomass crops and row crops in rotation. II: effects on soils. p. 785-1 - 785-9. Soil Science: confronting new realities in the 21st century. Trans. World Congress of Soil Science. Bangkok, Thailand.
- Devine, W.D*., M.D. Mullen, **D.D. Tyler**, A.E. Houston, J.D. Joslin, D.G. Hodges, V.R. Tolbert, and M.E. Walsh. 2004. Conversion from a sycamore biomass crop to a no-till corn system: effects on soil. Soil Sci. Soc. of Am. J. 68: 225-233.
- Devine, W.D., **D.D. Tyler**, M.D. Mullen, A.E. Houston, J.D. Joslin, D.G. Hodges, U.R. Tolbert, and M.E. Walsh. 2005. Conversion from an American sycamore biomass crop to a no-till corn system: Crop yields and management implications. Soil and Tillage Research (in press)