

CURRICULUM VITAE OF THOMAS F. MORRIS

Department of Plant Science and Landscape Architecture
University of Connecticut
Storrs, CT 06269
(860) 486-0637

EDUCATION

Ph.D. 1992 Iowa State University
Major: Soil Science
M.S. 1988 University of Connecticut
Major: Soil Science
B.S. 1975 Delaware Valley College of Science and Agriculture
Doylestown, Pennsylvania
Major: Agronomy

PROFESSIONAL POSITIONS

2012- Professor, Plant Science, University of Connecticut
2004- Regional Coordinator Professional Development Program, USDA Northeast
Region Sustainable Agriculture Research and Education (SARE) program
2000-2012 Associate Professor, Plant Science, University of Connecticut
1994-2000 Assistant Professor, Plant Science, University of Connecticut
1993-1994 Visiting Assistant Professor, Plant Science, Univ. Connecticut
1988-1992 Research Assistant, Agronomy, Iowa State University
1985-1988 Research Assistant, Plant Science, University of Connecticut
1981-1984 Research Farm Manager, Rodale Research Center, Kutztown, Pennsylvania

SCIENTIFIC POSITIONS

2002-2005 Associate Editor, Journal of Environmental Quality

SELECTED PUBLICATIONS

Geng, X., K. Guillard, S. Mangiafico, **T. F. Morris**. 2014. Architecture defining sufficiency levels of nitrogen in cool-season turfgrass lawns using Macy's concept. *Crop Sci.* 54:1844-1858.
Yost, M.A., **T.F. Morris**, M.P. Russelle, and J.A. Coulter. 2014. Second-year corn after alfalfa often requires no fertilizer nitrogen. *Agron. J.* 106:659-669.
Tao, H., **T.F. Morris**, B. Bravo-Ureta, R. Meinert. 2014. Factors affecting manure applications as directed by nutrient management plans at four Connecticut dairy farms. *Agron. J.* 106:1420-1426.
Geng, X., K. Guillard, and **T.F. Morris**. 2014. Turfgrass growth and color correlated to spring Illinois Soil N Test and soil permanganate-oxidizable carbon concentrations. *Crop Sci.* 54:383-400.
Geng, X., K. Guillard, and **T.F. Morris**. 2014. Relating turfgrass growth and quality to

- frequently-measured soil nitrate. *Crop Sci.* 54:366-382.
- Tao, H., **T.F. Morris**, B. Bravo-Ureta, R. Meinert, J. Neafsey. 2012. Nutrient applications reported by farmers compared with performance-based nutrient management plans. *Agron. J.* 104:423-436.
- Kyveryga, P.M., T.M. Blackmer, R. Pearson, and **T.F. Morris**. 2011. Late-season digital aerial imagery and stalk nitrate testing to estimate the percentage of areas with different nitrogen status within fields. *J. Soil Water Conserv.* 60:373-384.
- Mallory, E., C. White, **T. Morris**, and N.E. Kiernan. 2011. Reading the farm – training agricultural professionals in whole farm analysis for sustainable agriculture. *J. Extension*, vol. 45, no. 5. <http://www.joe.org/joe/2011october/iw4.php>.
- Zhivotovsky, O. P., Y. A. Kuzovkina, C. P. Schulthess, **T. Morris**, and D. Pettinelli. 2011. Lead uptake and translocation by willows in pot and field experiments. *Intern. J. Phytoremediation*, 13:731-749.
- Zhivotovsky, O. P., Y. A. Kuzovkina, C. P. Schulthess, **T. Morris**, D. Pettinelli, M. Ge. 2011. Hydroponic screening of willows (*Salix L.*) for lead tolerance and accumulation. *Intern. J. Phytoremediation* 13:75-94.
- Kyveryga, P., H. Tao, **T.F. Morris**, T.M. Blackmer. 2010. Identification of nitrogen management categories by corn stalk nitrate sampling guided by aerial imagery. *Agron. J.* 102:858-867.
- Tao, H., **T.F. Morris**, B. Bravo-Ureta, R. Meinert, K. Zanger, J. Neafsey. 2010. A partial budget analysis for phosphorus-based nutrient management plans for Connecticut dairy farms. *Agron. J.* 102:231-240.
- Kinsella, K., C.P. Schulthess, **T.F. Morris**, J.D. Stuart. 2009. Rapid quantification of *Bacillus subtilis* antibiotics in the rhizosphere. *Soil Bio. Biochem.* 41:374-379.
- Ping, J., C. Green, R. Zartman, K. Bronson, **T. Morris**. 2008. Spatial variability of soil properties, cotton yield and quality in a production field. *Comm. Soil Sci. Plant Anal.* 39:1-16
- Kyveryga, P., A.M. Blackmer, **T.F. Morris**. 2007. Disaggregating model bias and variability when calculating economic optimum rates of nitrogen fertilization for corn. *Agron. J.* 99: 1048-1056.
- Kyveryga, P., A.M. Blackmer, **T.F. Morris**. 2007. Alternative benchmarks for economically optimal rates of nitrogen fertilization for corn. *Agron. J.* 99: 1057-1065.
- J. R. Heckman, W. Jokela, **T. Morris**, D. B. Beegle, J. T. Sims, F. J. Coale, S. Herbert, T. Griffin, B. Hoskins, J. Jemison, W. M. Sullivan, D. Bhumbra, G. Estes, and W. S. Reid. 2006. Soil test calibration for predicting corn response to phosphorus in the northeast USA. *Agron. J.* 98:280-288.
- Morris, T. F.**, and M. Keilty (eds.) 2006. *Alternative Health Practices for Livestock*. Blackwell Publ. Professional, Ames, IA.
- Hooker, B., **T. F. Morris**, R. Peters, and Z. Cardon. 2005. Long term effects of tillage and corn stalk return on soil carbon dynamics. *Soil Sci. Soc. Am. J.* 69:188-196.
- Hyde, J. E., and **T. F. Morris**. 2004. Phosphorus availability from phosphorus-amended water treatment residual. *Comm. Soil Sci. Plant Anal.* 34: 1033-1046.
- Balkcom, K. S., A. M. Blackmer, D. J. Hansen, **T. F. Morris**, and A. P. Mallarino. 2003. Testing soils and cornstalks to evaluate nitrogen management on the watershed scale. *J. Environ. Qual.* 32:1015-1024.

- Heckman, J.R., **T.F. Morris**, J.T. Sims, J.B. Sieczka, U. Krogmann, P. Nitzsche, and R. Ashley. 2002. Presidedress soil nitrate test is effective for fall cabbage. *HortScience* 37:113-117.
- Boucher, T.J., R.A. Ashley, R.G. Adams, Jr., and **T.F. Morris**. 2001. Effect of trap position, habitat, and height on the capture of pepper maggot flies (Diptera: Tephritidae). *J. Econ. Entomol.* 94:456-461.
- Achenie, L., M.A. Butkus, D. Grasso, C. P. Schulthess, **T. Morris**, J. Hyde. 2001. A comparative study of neural network and mechanistic models for surface complexation. *Advances in Environ. Research* 5:137-143.
- Hyde, J. E., and **T.F. Morris**. 2000. Phosphorus availability in soils amended with dewatered water treatment residual and metal concentrations with time in residual. *J. Environ. Qual.* 29:1896-1904.
- Morris, T. F.**, G. Hamilton, and S. Harney. 2000. Optimum Plant Population for Fresh Market Sweet Corn in the Northeastern United States. *HortTechnology* 10:25-30.
- Guillard, K., **T.F. Morris**, and K.L. Kopp. 1999. The Pre-sidedress soil nitrate test and nitrate leaching from corn. *J. Environ. Qual.* 28:1845-1852.
- Hooker, B.A. and **T.F. Morris**. 1998. End-of-season cornstalk test for excess nitrogen in silage corn. *J. Prod. Agric.* 12:282-288.