

## **TIMOTHY C. TODD**

Department of Plant Pathology  
Throckmorton Plant Sciences Center  
Kansas State University  
Manhattan, KS 66506  
Telephone: 785-532-1350  
FAX: 785-532-5692  
e-mail: nema@ksu.edu

### **Education**

Rogers State College, Claremore, OK	Biology	A.S. 1978
Northeastern Oklahoma State Univ., Tahlequah, OK	Biology	B.S. 1980
Oklahoma State Univ., Stillwater, OK	Plant Pathology	M.S. 1982

### **Professional Experience**

1990-present Instructor and Research Scientist, Department of Plant Pathology, Kansas State University, Manhattan.  
1984-1990 Assistant Instructor, Department of Plant Pathology, Kansas State University, Manhattan.  
1982-1984 Research Assistant, Department of Plant Pathology, Kansas State University, Manhattan.  
1980-1982 Graduate Research Assistant, Department of Plant Pathology, Oklahoma State University, Stillwater.

### **Research Interests**

Strategies for durable resistance in soybean to *Heterodera glycines*; management of nematode diseases in corn and wheat; population and community ecology of soil nematodes; soil biodiversity; sentinel taxa of ecosystem disturbance.

### **Professional and Honorary Society Membership**

Society of Nematologists  
Soil Ecology Society  
Gamma Sigma Delta

### **Publications (past 5 years)**

Althoff, P.S., S.J. Thien, and T.C. Todd. 2010. Primary and residual effects of Abrams tank traffic on prairie soil properties. *Soil Science Society of America Journal* 74: 2151-2161.

Kennelly, M.M., T.C. Todd, D.M. Settle, J.D. Fry. 2010. Moss control on creeping bentgrass greens with standard alternative approaches. *Hortscience* 45:654-659.

Li, J., T.C. Todd, and H.N. Trick. 2010. Rapid in planta evaluation of root expressed transgenes in chimeric plants. *Plant Cell Reports* 29:113-123.

- Li, J., T.C. Todd, T.R. Oakley, J. Lee, and H.N. Trick. 2010. Host derived suppression of nematode reproductive and fitness genes decreases fecundity of *Heterodera glycines* Ichinohe. *Planta* 232:775-785.
- Saleh, A.A., H.U. Ahmed, T.C. Todd, S.E. Travers, K.A. Zeller, J.F. Leslie, and K.A. Garrett. 2010. Relatedness of *Macrophomina phaseolina* isolates from tallgrass prairie, maize, soybean and sorghum. *Molecular Ecology* 19:79-91.
- Li, J., T.C. Todd, J. Lee, and H.N. Trick. 2011. Biotechnological application of functional genomics towards plant-parasitic nematode control. *Plant Biotechnology Journal*. doi: 10.1111/j.1467-7652.2011.00601.x
- Tylka, G.L., Todd, T., Niblack, T.L., MacGuidwin, A.E., and Jackson, T. 2011. Sampling for plant-parasitic nematodes in corn strip trials comparing nematode management products. Online. *Plant Health Progress* doi:10.1094/PHP-2011-08XX-01-DG.
- Brady, C. R., Li, J., Todd, T. C., Oakley, T. R., and Trick, H. N. 2012. Compatibility of foliar insecticides and soybean cyst nematode bioassays. Online. *Plant Health Progress* doi:10.1094/PHP-2012-4XX-01-BR.
- Wheeler, D., B.J. Darby, T.C. Todd, and M.A. Herman. 2012. Several grassland soil nematode species are insensitive to RNA-mediated interference. *Journal of Nematology* 44:91-100.
- Coolon, J.D., K.L. Jones, T.C. Todd, J.M. Blair, and M.A. Herman. 2013. Long-term-nitrogen amendment alters the diversity and assemblage of soil bacterial communities in tallgrass prairie. *PLOS One* 8(6): e67884. doi:10.1371/journal.pone.0067884.
- Darby, B.J., T.C. Todd, and M.A. Herman. 2013. High-throughput amplicon sequencing of rRNA genes requires a copy number correction to accurately reflect the effects of management practices on soil nematode community structure. *Molecular Ecology*. Online. doi: 10.1111/mec.12480.
- Retta, A., L.E. Wagner, J. Tatarko, and T.C. Todd. 2013. Evaluation of bulk density and vegetation as affected by military traffic at Fort Riley, Kansas. *Transactions of the American Society of Agricultural and Biological Engineers* 56:653-665.
- Blunt, T. D., Jacobi, W. R., Appel, J. A., Tisserat, N., and Todd, T. C. 2014. First report of pine wilt in Colorado, USA. *Plant Health Progress* doi:10.1094/PHP-BR-14-0010.
- Brzostowski, L.F., W.T. Schapaugh, T.C. Todd, C.R. Little, P.A. Rzedkiewicz. 2014. Effect of host resistance to *Fusarium virguliforme* and *Heterodera glycines* on sudden death syndrome disease severity and soybean seed yield. *Plant Health Progress* doi:10.1094/PHP-RS-13-0100.

Todd CV

Page 3

Todd, T.C., J.A. Appel, J. Vogel, and N.A. Tisserat. 2014. Survey of plant-parasitic nematodes in Kansas and eastern Colorado wheat fields. *Plant Health Progress* doi:10.1094/PHP-RS-13-0125.