

Yanqi Wu
Assistant Professor
Plant and Soil Sciences Department
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Education

Oklahoma State University	Crop Science	Ph.D., 2004
Sichuan Agricultural University	Grassland Science	M.S., 1988
Ningxia University, China	Animal Science	B.S., 1985

Appointments

- Assistant Professor of Grass Breeding and Genetics, Department of Plant and Soil Sciences, Oklahoma State University, Stillwater, OK, July 2006—present.
- Postdoctoral Research Associate, USDA-ARS, Plant Science Research Laboratory, Stillwater, OK, May, 2004-2006
- PhD Graduate Research Assistant, Grass Breeding and Genetics Lab, Department of Plant and Soil Sciences, Oklahoma State University, January, 2001-April, 2004
- Associate Professor, Assistant Professor and Instructor, Sichuan Agricultural University, China, 1988-2000

Cultivar releases

1. Wu, Y.Q., and C.M. Taliaferro. 2008. 'Cimarron' Switchgrass. Oklahoma Agricultural Experiment Station, OK, USA.
2. Wu, Y.Q., C.M. Taliaferro, and R. Kochenower. 2007. 'Goodwell' Bermudagrass. Oklahoma Agricultural Experiment Station, OK, USA.

Publications

1. Wu, Y.Q., and C.M. Taliaferro. 2009. Bermudagrass. P. 229-273. In R.J. Singh (ed.) Genetic Resources, Chromosome Engineering, and Crop Improvement: Forage Crops, Vol. 5. CRC Press.
2. Wu, Y.Q., D.L. Martin, J.A. Anderson, G.E. Bell, M.P. Anderson, N. Walker, J.Q. Moss. 2009. Recent progress in turf bermudagrass breeding at Oklahoma State University. USGA Turfgrass and Environmental Research Online. 8(16): 1-11.
3. Sathya, V.R., N. Uppugundla, J. Lay, E. Clausen, M. Wilkins, R. Ingraham, C. West, Y.Q. Wu, and D.J. Carrier. 2009. Policosanol, α -tocopherol and moisture content as a function of timing of harvest of switchgrass (*Panicum virgatum* L. Journal of Agricultural and Food Chemistry. 57: 3500-3505.
4. Wu, Y.Q., and Y. Huang. 2008. QTL mapping of sorghum resistance to greenbugs by molecular markers. Theor. Appl. Genet. 117: 117-124.
5. Wu, Y.Q. C.M. Taliaferro, D.L. Martin, J.A. Anderson, and M.P. Anderson. 2008. Correlation analyses of seed yield and its components in bermudagrass. Proceedings of 2008 International Grassland Congress and International Rangeland Congress. June 29 to July 5, 2008, Hohhot, China.

6. Wu, Y.Q., Y. Huang, C.G. Tauer, D.R. Porter, and L. Hollaway. 2007. A major QTL conditioning sorghum PI 550610 resistance to greenbug biotype E. *Econ. Entomol.* 100: 1672-1678.
7. Wu, Y.Q., C.M. Taliaferro, D.L. Martin, J.A. Anderson, and M.P. Anderson. 2007. Genetic variability and relationships for adaptive, morphological, and biomass traits in Chinese bermudagrass accessions. *Crop Sci.* 47: 1985-1994.
8. Wang, Z., H.W. Gao, Y.Q. Wu, J.G. Han, and G.Z. Sun. 2007. Genetic diversity and population structure of *Caragana korshinskii* revealed by AFLP. *Crop Sci.* 47: 1737-1743.
9. Anderson, J.A., C.M. Taliaferro, and Y.Q. Wu. 2007. Freeze tolerance of seed- and vegetatively-propagated turf bermudagrasses. *Applied Turfgrass Sci.* doi:10.1094/ATS-2007-0508-01-RS.
10. Wu, Y.Q., and Y. Huang. 2007. An SSR genetic map of *Sorghum bicolor* (L.) Moench and its comparison to a published genetic map. *Genome* 50: 84-89.
11. Anderson, J.A., C. M. Taliaferro, D. Martin, Y.Q. Wu and M. Anderson. 2007. Freeze tolerance evaluation of turf bermudagrasses. *GCSAA Golf Course Management* 75(10):110-113.
12. Anderson, J.A., C.M. Taliaferro, D.L. Martin, Y.Q. Wu and M.P. Anderson. 2007. Bermudagrass freeze tolerance. *USGA Turfgrass and Environmental Research Online* 6(18): 1-7.
13. Anderson, M.P., and Y.Q. Wu. 2007. Fingerprinting of bermudagrass DNA. *USGA Turfgrass and Environmental Research Online* 6 (14): 1-8.
14. Anderson, M.P., and Y.Q. Wu. 2007. Bermudagrass DNA fingerprinting. *USGA Green Section Record* September-October, 14-17.
15. Martin, D.L., Y.Q. Wu, J. A. Anderson, M. P. Anderson, G. E. Bell and N.R. Walker. 2007. Bermudagrass cultivars with high quality and improved cold hardiness. *USGA Turfgrass and Environmental Research Online* 6(17):1-8.
16. Martin, D.L., Y. Wu, J.A. Anderson, M.P. Anderson, G.E. Bell and N.R. Walker. 2007. Investment Yields Bermudagrass Cultivars with High Quality and Improved Cold-Hardiness. *USGA Greens Section Record* 45(6):27-32.
17. Wu, Y.Q., C.M. Taliaferro, D.L. Martin, C.L. Goad, and J.A. Anderson. 2006. Genetic variability and relationships for seed yield and its components in Chinese *Cynodon* accessions. *Field Crops Research* 98: 245-252.
18. Wang, Z., H.W. Gao, J.G. Han, and Y.Q. Wu. 2006. Allozyme diversity and population structure of *Caragana korshinskii* Kom. in China. *Genetic Resources and Crop Evolution* DOI: 10.1007/s10722-005-1214-z.
19. Wu, Y.Q., C.M. Taliaferro, G.H. Bai, D.L. Martin, and J.A. Anderson, M.P. Anderson, R.M. Edwards. 2006. Genetic analyses of Chinese *Cynodon* accessions by flow cytometry and AFLP markers. *Crop Sci.* 46: 917-926.
20. Wu, Y.Q., Y. Huang, C.G. Tauer, and D.R. Porter. 2006. Genetic diversity of sorghum accessions resistant to greenbugs as assessed with AFLP markers. *Genome* 49: 143-149.
21. Wu, Y.Q., C.M. Taliaferro, G.H. Bai, and M.P. Anderson. 2005. Genetic diversity of *Cynodon transvaalensis* Burt-Davy and its relatedness to hexaploid *C. dactylon* (L.) Pers. as indicated by AFLP markers. *Crop Sci.* 45: 848-853.
22. Wu, Y.Q., C.M. Taliaferro, G.H. Bai, and M.P. Anderson. 2004. AFLP analysis of *Cynodon dactylon* (L.) Pers. var. *dactylon* genetic variation. *Genome* 47: 689-696.