

CURRICULUM VITAE

CARL A. GRIFFEY
PROFESSOR

CROP AND SOIL ENVIRONMENTAL SCIENCES DEPARTMENT
VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY
BLACKSBURG, VA 24061-0404

Education

- Ph.D. in Agronomy, University of Nebraska, December 1987
- M.S. in Agronomy, Washington State University, 1984
- B.S. in Plant and Soil Science, University of Tennessee, 1981

Professional Experience

- Professor, Crop and Soil Environmental Sciences,
Virginia Tech, March 2002 to present
- Associate Professor, Crop and Soil Environmental Sciences,
Virginia Tech, March 1995 to March 2002
- Assistant Professor, Crop and Soil Environmental Sciences,
Virginia Tech, April 1989 to March 1995
- Research Associate, USDA-ARS, Cereal Rust Laboratory,
St. Paul, MN, January 1988 to March 1989

Membership in Professional Organizations

- American Society of Agronomy
- Crop Science Society of America
- American Phytopathological Society

Awards and Honors

- Andy Swiger Land Grant Award, Virginia Tech College of Agriculture & Life Sciences,
2006
- Excellence in Applied Research Award, Virginia Tech College of Agriculture & Life
Sciences, 2005
- Virginia Tech Researcher of the Week Award, July 12-18, 2004
- Virginia Small Grains Association Friend of the Industry Award, August, 2001
- National Association of Wheat Growers Recognition for Outstanding Research Benefiting
the U.S. Wheat Industry, February 2001

Teaching Experience

I instruct a graduate level course CSES 5144 in Advanced Plant Breeding and Genetics.
I have taught this course during spring semesters of 1992, 1994, 1997, 2000, 2003, and
2006.

GRADUATE STUDENT ADVISING

I have served as advisor or co advisor of eight Ph.D. and four M.S. candidates, two of
whom were Fulbright scholars. In addition, I have served on the committees of 15

Ph.D. and 5 M.S. candidates including those in other departments and at other universities.

Plant Variety Protection Certificates Awarded: 30 Certificates

- Thoroughbred and Doyce Barley and Dominion, Armor 3015, Rachel and MPV 57 Wheat Varieties, 2006
- Renwood 3260 Wheat Variety, 2004
- Price Barley, Pearl, 38206, Tribute, and McCormick Wheat Varieties, 2003
- Century II, USG3209, 766, Sisson, SS 520, and SS 550 Wheat Varieties, 2002
- Roane and FFR566W Wheat Varieties, 2001
- Pocahontas Wheat Variety, 2000
- Featherstone 520 Wheat Variety, 1998
- Callao Barley Variety, 1997
- Jackson Wheat and Starling Barley Varieties, 1996
- Pamunkey Barley Variety, 1995
- FFR555W Wheat and Nomini Barley Varieties, 1994
- Madison and Wakefield Wheat Varieties, 1992

Refereed Journal Articles Published 2003-2006

- Mammadov, J.A., J.C. Zwonitzer, R.M. Biyashev, C.A. Griffey, Y. Jin, B.J. Steffenson, and M.A. Saghai Maroof. 2003. Molecular mapping of leaf rust resistance gene *Rph5* in barley. *Crop Science* 43: 388-393.
- Schilling, A.S., A.O. Abaye, C.A. Griffey, D.E. Brann, M.M. Alley, and T.H. Pridgen. 2003. Adaptation and performance of winter durum wheat in Virginia. *Agronomy Journal* 95: 642-651.
- Uriyo, M.G., W.E. Barbeau, C.A. Griffey, and J. Rancourt. 2004. Examination of relationships between the rheological properties and baking performance of selected soft wheat flours. *J. Food Quality* 27: 239-254.
- Browne, R.A., J.P. Murphy, B.M. Cooke, D. Devaney, E.J. Walsh, C.A. Griffey, J.A. Hancock, S.A. Harrison, P. Hart, F.L. Kolb, A.L. McKendry, E.A. Milus, C. Sneller, and D.A. Van Sanford. 2005. Identification of components of *Fusarium* head blight resistance in soft red winter wheat germplasm using a detached leaf assay. *Plant Disease* 89: 404-411.
- Bailey, W.A., H.P. Wilson, D.E. Brann, and C.A. Griffey. 2005. Wheat (*Triticum aestivum*) cultivar tolerance to AE F130060 03. *Weed Technology* 19: 881-886.
- Chen, J., C.A. Griffey, M.A. Saghai Maroof, E.L. Stromberg, R.M. Biyashev, W. Zhao, M.R. Chappell, T.H. Pridgen, Y. Dong, and Z. Zeng. 2006. Validation of two major quantitative trait loci for fusarium head blight resistance in Chinese wheat line W14. *Plant Breeding* 125: 99-101.
- Barbeau, W., C. Griffey, and Z. Yan. 2006. Evidence that minor sprout damage can lead to significant reductions in the gluten strength of winter wheat. *Cereal Chemistry*: 83(3): 306-310.
- Tucker, D.M., C. A. Griffey, S. Liu, and M.A. Saghai Maroof. 2006. Potential for effective marker-assisted selection of three quantitative trait loci conferring adult plant resistance to powdery mildew in elite wheat breeding populations. *Plant Breeding*: 125: 430-436.