

From: [Bill Rooney](#)
To: jm-chandler@tamu.edu
Cc: ["Lloyd Rooney"](#)
Subject: 2 page CV
Date: Thursday, October 29, 2009 6:53:37 PM
Attachments: [2009 2 page CV - Rooney.pdf](#)

Mike:

I was told you needed a two page CV. Attached is one from earlier this summer. When I get back I'll try and update it, but this should be sufficient in case I don't get this done.

Thanks for all your efforts on this awards stuff. It must be a lot of work.

Regards,

Bill

I. CURRENT TITLE AND POSITION

William L. Rooney

Professor

Department of Soil & Crop Sciences, Texas Agrilife Research and Texas A&M University

II. EDUCATION AND EXPERIENCE

- 2005-present Professor, Dep. of Soil & Crop Sciences, Texas A&M University
- 2000-2005 Associate Professor, Dep. of Soil & Crop Sciences, Texas A&M University
- 1995-2000 Assistant Professor, Dep. of Soil & Crop Sciences, Texas A&M University
- 1993-1995 Assistant Professor, Dep. of Agronomy, Kansas State University, Manhattan, KS.
- 1992 Ph.D., Plant Breeding and Genetics, University of Minnesota, St. Paul, MN
- 1989 M.S., Plant Breeding, Texas A&M University, College Station, TX.
- 1987 B.S., Agronomy, Texas A&M University, College Station, TX.

III. POSITION DESCRIPTION - Enhance the productivity and profitability of grain, forage and bioenergy sorghum production systems. The sorghum breeding program is used as a mechanism to develop and release sorghum germplasm to meet this goal. In addition to the release of improved sorghum genotypes, research in the program emphasizes the genetic inheritance of disease resistance, grain quality and agronomic productivity and adaptability. The research provides opportunities for graduate student training in fundamental and applied aspects of plant improvement.

IV. SELECTED PROJECT SUPPORT

Regional Feedstock Partnership – Assessment of Sorghum as a Bioenergy Crop, DOE and Sungrant, Rooney and Heilman, \$225,000 4/01/2008 to 03/31/2010

Genetic Analysis of Sorghum Drought Tolerance Traits. Pioneer Sponsored Research, Mullet and Rooney, \$750,000, with \$250,000 to Rooney 08/01/2008 to 6/30/2011

Lignocellulosic Feedstock Development for Gen II Biofuels, Chevron Sponsored Research, Gould and Mullet PIs, \$5.4 million, \$765,000 to Rooney, 08/01/2008 to 3/31/2011.

Enhancement of Sweet Sorghum Breeding Activities, Ceres Sponsored Research, Rooney WL. \$500,000, 09/01/2008 to 8/31/2012.

Advancing Texas Biofuel Production, Rooney WL and K Chambliss. US Congress Special Appropriations, \$138,000, 07/01/2008 to 6/30/2009

Novel Bioenergy Crops through Hybridization of Sorghum, Sugarcane and Energy cane, Rooney W, Stelly D, Da Silva J, State BIOENERGY Funds, \$230,000, 12/01/2007 to 08/31/2008

Evaluation of Sweet Sorghum Hybrids as a Bioenergy Feedstock for the South Central U.S. – Germplasm Development and Agronomic Practices, Rooney W, Blumenthal J, Bean B, Peterson G, SunGrant Initiative, South Central Region, \$327,125, 07/01/2007 to 06/30/2010

Genetic Improvement of Sorghum Drought Tolerance, Mullet J, Rooney W, and Payne W, Monocot Improvement Program, \$75,000, September 1, 2007 to August 31, 2008

Breeding Sorghum for Improved Grain and Forage Quality and Yield for Central America, Rooney W., US AID INTSORMIL CRSP, \$335,732, 07/01/2007 to 09/30/2011

Integrated Development of Dedicated Bioenergy Sorghums for Crop Production Systems in Texas, Rooney, W, Blumenthal J, Bean B, Amossen S, Peterson G, Odvody G and Parker R, Cropping Systems, \$300,000, 09/01/2007 to 8/31/2009

Development of Bioenergy Sorghum, Rooney W, Mullet J and Klein P., Ceres, Inc., \$5,317,913, 09/01/2007 to 8/31/2012

V. SELECTED PUBLICATIONS (66)

Hernandez, J.R., S. C. Capareda, O. Portillo, D. B. Hays, and W. L. Rooney. 2009. Simultaneous saccharification and fermentation (SSF) of High Digestible Variety of Grain Sorghum for Ethanol Production. ASBAE (in press).

- Dykes L. L.M. Seitz, W.L. Rooney and Lloyd W. Rooney. 2009. Flavonoid Composition of Red Sorghum Genotypes. *Food Chemistry* 116:313-317.
- Murray S.C, W.L. Rooney, M.H. Hamblin, S.E. Mitchell, and S. Kresovich. 2009. Sweet sorghum genetic diversity and association mapping for brix and height. *The Plant Genome*. 2:48-62.
- Rodríguez-Herrera, R*, Rooney, W. L., Waniska, R. D., Aguilar-González, C. N., Quero-Carrillo, A. R. and Padrón-Corral, E. 2009. Path analysis for kernel traits associated with grain mould resistance in food type sorghum. *Archives of phytopathology and plant protection*, 42:(2)148 — 159
- Perumal, R., M.A. Menz, P.J. Mehta, S. Katile, L.A. Gutierrez Rojas, R.R. Klein, P.E. Klein, L.K. Prom, J.A. Schlueter, W.L. Rooney, C.W. Magill 2009. Molecular mapping of Cg1, a gene for resistance to Anthracnose (*Colletotrichum sublineolum*) in sorghum, *Euphytica* 165:597-606.
- Balota M, WA Payne, D Rosenow, and W Rooney. 2008. Gas exchange and Transpiration Ratio in Sorghum. *Crop Sci* 48:2361-2371.
- Murray SC, WL Rooney, SE Mitchell, PE Klein, A Sharma, JE Mullet, and S Kresovich. 2008. Sorghum as a Biofuel Feedstock: II. QTL for Leaf and Stem Structural Carbohydrates. *Crop Sci* 48:2180-2193.
- Murray SC, A Sharma, WL Rooney, PE Klein, JE Mullet, SE Mitchell, and S Kresovich. 2008. Genetic improvement of sorghum as a biofuel feedstock: I. QTL for stem and grain nonstructural carbohydrates. *Crop Sci* 48:2165-2179.
- Kuhlman, L.C, B.L. Burson, P.E. Klein, R.R. Klein, D.M. Stelly, H.J. Price, and W.L. Rooney. 2008. Genetic Recombination in *S. bicolor* x *S. macrospermum* Interspecific Hybrids. *Genome* 51:749-756.
- Fernandez, MG, M Hamblin, L Li, WL Rooney, MR Tuinstra, and S Kresovich. 2008. QTL analysis of endosperm color and carotenoid content in sorghum grain. *Crop Sci* 48:1732-1743.
- Klein RR, JE Mullet, DR Jordan, FR Miller, WL Rooney, MA Menz, CD Franks, and PE Klein. 2008. The Effect of Tropical Sorghum Conversion and Inbred Development on Genome Diversity as Revealed by High-Resolution Genotyping. *Crop Sci*. 48(S1) S12-S26.

VI. SELECTED TECHNOLOGY TRANSFER

- Release of Tx2929 to Tx2934 sorghum germplasms. Official Approval: August 2004. Scientists contributing to this release: W.L. Rooney and G.N. Odvody.
- Release of Tx2935 to Tx2944 sorghum germplasms. Official Approval: August 2004. Scientists contributing to this release: W.L. Rooney and G.N. Odvody.
- Release of Tx2912-2920 sorghum germplasms. Official Approval: January 2002. Scientists contributing to this release: W.L. Rooney and S.D. Collins
- Release of Tx2921-2928 sorghum germplasms. Official Approval: January 2002. Scientists contributing to this release: W.L. Rooney and S.D. Collins
- Release of Sorghum Germplasm Lines Tx2909 & Tx2910. Scientists Contributing to this Release: W.L. Rooney, M.A. Hussey, and M.A. Sanderson. Official Release Date: April 23, 1997

VII. OTHER ACTIVITIES

- a. Associate Editor: Crop Science and Field Crops Research
- b. Chair: Texas Agrilife Research Plant Release Committee