

Scott Allen Senseman

Current Title: Professor

Appointment: 50% Teaching, 50%

Research **Physical Address:**

338A Heep Center, Texas A&M University, College Station, Texas 77843-2474

Email Address: s-senseman@tamu.edu

Education:

Ph.D., Agronomy-Pesticide Residue, University of Arkansas, 1994

M.S., Agronomy-Weed Biology, University of Arkansas, 1990

B.S., Agribusiness, Wilmington College, 1986

Teaching Focus:

Mode of Action and Environmental Fate of Herbicides (AGRO 650)

Methods of Plant, Soil & Water Analysis in Environmental Systems (AGRO 618) (Team taught with Drs. Aitkenhead-Peterson and Loeppert)

Introduction to Agronomy (AGRO 101)

Major advisor for 8 M.S. and 10 Ph.D. students

Research & Extension Focus:

Grants and Contracts. \$1.6 million from private, federal, and state agencies.

Publications: Refereed journal publications – 79, Edited – 1, Other technical publications – 170 abstracts, magazine articles, and technical reports

Recent Publications (limit to 10 most recent):

- Lancaster, S.H., R.L. Haney, S.A. Senseman, C.M. Kenerley, F.M. Hons, and J.M. Chandler. 2008. Microbial Degradation of Fluometuron is Influenced by Roundup WeatherMAX. *J. Agric. Food Chem.* 56:8588-8593.
- Willingham, S.D., S.A. Senseman, G.N. McCauley, and J.M. Chandler. 2008. Effect of temperature and propanil on penoxsulam efficacy, absorption, and translocation, in alligatorweed (*Alternanthera philoxeroides*). *Weed Sci.* 56:780-784.
- Besler, B.A., W.J. Grichar, S.A. Senseman, T.A. Baughman, and R.G. Lemon. 2008. Effects of row pattern configurations and reduced (1/2x) and full rates (1x) of imazapic and diclosulam for control of yellow nutsedge (*Cyperus esculentus*) in peanut. *Weed Technol.* 22:558-562.

- Matocha, M.A. B.W. Minton, and S.A. Senseman. 2008. The influence of malathion on trifloxysulfuron absorption and translocation in cotton. *Cotton Sci.* 12:48-52.
- Matocha, M.A., B.W. Minton, and S.A. Senseman. 2008. Soil persistence of trifloxysulfuron in relation to corn (*Zea mays*), grain sorghum (*Sorghum bicolor*), rice (*Oryza sativa*), and soybeans (*Glycine max*). *Weed Technol.* 22:425-430.
- Steele, G.L., S.A. Senseman, A.S. Sciumbato, and J.M. Chandler. 2008. Diuron effects on the absorption and translocation of glyphosate in sharppod morningglory (*Ipomoea cordatotriloba*). *Weed Technol.* 22:414-419.
- Willingham, S., G.N. McCauley, S.A. Senseman, J.M. Chandler, J. Richburg, R. Lassiter, and R. Mann. 2008. Influence of flood interval and cultivar on rice (*Oryza sativa*) tolerance to penoxsulam. *Weed Technol.* 22:114-118.
- Lancaster, S.H. and S.A. Senseman. 2007. Accelerated solvent extraction of fluometuron from selected soils. *J. Assoc. Offic. Anal. Chem.* 90:1142-1145.
- Matocha, M.A. and S.A. Senseman. 2007. Trifloxysulfuron dissipation at selected pH levels and efficacy on Palmer amaranth (*Amaranthus palmeri* S. Wats). *Weed Technol.* 21:674-677.
- O'Barr, J.H., G.N. McCauley, S.A. Senseman, R.W. Bovey, J.M. Chandler. 2007. Rice response (*Oryza sativa*) to clomazone as influenced by rate, soil characteristics, and planting date. *Weed Technol.* 21:199-205.

Professional Accomplishments (limit to bullet statements):

- Developed and taught short course at the Universidade Federal de Santa Maria entitled "Minicurso Modo de Ação e Destino Ambiental de Herbicidas" November 21 to December 2, 2005
- Developed curricula in herbicide mode of action and environmental fate
- Revised and edited the 9th edition of the Herbicide Handbook for the Weed Science Society of America
- Advised 18 students in weed science – herbicide fate as of 2009

Professional Memberships, Leadership Roles and Honors:

- Southern Weed Science Society - Member, Executive Board - Member-at-Large Academia (2003 to 2006), Executive Board – CAST Representative (2008 – 2010), Outstanding Graduate Student Award Subcommittee (2002 to 2005), Program Committee (1997 to 2002), Placement committee service (1998), Judge for speech contest (1996, 1997, 1999, 2001), Computer Applications Committee (1999 to present), Student Contest Committee (1998 to 2001), Southern Weed Contest Committee (1995 to present), Outstanding Educator Award Committee (1999, 2000 - Chair), Local Arrangements Committee (2002).
- Weed Science Society of America - Member, Vice Chair and serving as moderator for Agronomic Crops (1997 and 1998); Program committee Section Chair for Agronomic Crops (1999); Herbicide Handbook Committee (1999 to present); Chair of Herbicide Handbook Committee (2002 to 2005);

Editor of Herbicide Handbook (2002 to 2006); Program committee Section Vice Chair for Soil & Environmental Aspects (1999) and Chair (2000); Environmental Quality Committee (1998 to 2001, 2002 to 2005); Member, Publications Board (2002 to 2005).

- Gamma Sigma Delta Honorary Agricultural Fraternity - Member, Historian 2002, Secretary 2003, Vice President 2004, Vice President 2005, President 2006, Past President 2007.
- Sigma Xi Scientific Research Society - Member.
- American Chemical Society – Agrochemical Division - Member, Executive Committee member (2003 to 2006).
- American Society of Agronomy - Member.
- Associate Editor *Agronomy Journal* – 2002 to 2005.
- Regional Project S-271, Member, Vice Chair 1997, Chair 1998, Vice Chair 2001, Chair 2002.
- Texas Plant Protection Association - Member, 1995 to present; Poster contest chair, 1997 to 1998; Vice President and Program Chair, 1999; President, 2000; Awards Chair, 2008 to present.
- The Journal of Environmental Quality article entitled “Effect of Roundup Ultra on Microbial Activity and Biomass from Selected Soils” as a continuing education article for the Certified Crop Adviser (CCA) program.
- Awarded Outstanding Young Weed Scientist Award, Southern Weed Science Society of America - 2003.
- Awarded Outstanding Young Weed Scientist Award, Weed Science Society of America - 2002.
- Awarded Association of Former Students Award in Teaching for the College of Agriculture and Life Sciences, Texas A&M University - 2001.
- Awarded 2000 Novartis Crop Protection Recognition Award in Agronomy at the American Society of Agronomy Meetings - 1999.
- Awarded Special Achievement Award for Teaching, Department of Soil & Crop Sciences, Texas A&M University -1998.
- Awarded CAPES (Fundação Coordenação de Aperfeiçoamento de Pessoal de Nivel Superior) Visiting Professor Fellowship - August 2005 to February 2006.
- Awarded Superior Service Award 2005 from Texas Cooperative Extension, Texas A&M University System for activities related to the Atrazine Abatement Project with Drs. Monty Dozier and Paul Baumann.
- Co-author of the 2005 Outstanding Paper in Weed Technology for the manuscript “Sciumbato, A.S., J.M. Chandler, S.A. Senseman, R.W. Bovey, and K.L. Smith. 2004. Determining exposure to auxin-like herbicides II. Practical application to quantify volatility. *Weed Technol.* 18:1135.”