

Paul D. Mitchell

Department of Agricultural and Applied Economics

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EDUCATION

Ph.D. Economics, Iowa State University, Ames, IA, August 1999

M.A. Classics, University of Wisconsin, Madison, WI, December 1991

B.A. History, Iowa State University, Ames, IA, May 1990

PROFESSIONAL EXPERIENCE

- 8/2004 – Present **Assistant Professor**, Department of Agricultural and Applied Economics, University of Wisconsin-Madison and University of Wisconsin-Extension
- 4/1999 – 8/2004 **Assistant Professor**, Department of Agricultural Economics, Texas A&M University
- 6/1994 – 4/1999 **Research Assistant**, Iowa State University, Center for Agricultural and Rural Development
- 7/1993 – 6/1994 **Research Assistant**, Iowa State University, Department of Botany

SYNERGISTIC ACTIVITIES

My work focuses on crop production with applications in the economics of pest and pest resistance management, crop insurance, vegetable production, and incentives to encourage adoption of alternative cropping practices. Much of this work is interdisciplinary, involving scientists in entomology, weed science, ecology, horticulture, etc. and has resulted in receipt of research grants and journal publications (see below). This also work serves as the basis of my Extension program in cropping systems economics. My teaching has focused on production economics at both the graduate and undergraduate levels and at the University of Wisconsin, I teach farm management, which attracts many non-majors from production science departments.

RESEARCH PUBLICATIONS (last five years)

Peer Reviewed Journal Articles

- Hsieh, M., P. Mitchell, K. Stiegert. 2008. Potato Demand in an Increasingly Organic Marketplace. *Agribusiness: An International Journal*. Forthcoming.
- Mitchell and Knight. 2008. Economic Analysis of Supplemental Deductible Coverage in the USDA's 2007 Farm Bill Proposal. *Agric. Res. Econ. Rev.* 37:117-131.
- Seo, S., E. Segarra, P. Mitchell, and D. Leatham. 2008. Irrigation Technology Adoption and Its Implication for Water Conservation in the Texas High Plains *Agric. Econ.* 38:47-55.
- Bussan, A., P. Mitchell, M. Copas, and M. Drilias. 2007. Evaluation of In-Row Spacing on Potato Yield and Tuber Size Distribution. *Crop Sci.* 47:2462-2472.
- Mitchell, P., and D. Onstad. 2005. Effect of Extended Diapause on the Evolution of Resistance to *Bacillus thuringiensis* Corn by Northern Corn Rootworm. *J. Econ. Entom.* 98:2220-2234.
- Seo, Mitchell, and Leatham. 2005. Effects of Federal Risk Management Programs on Acreage and Nitrogen Use in a Texas Cotton-Sorghum System. *J. Agric. Appl. Econ.* 37:685-699.
- Mueller, T., P. Mitchell, B. Young, and A. Culpepper. 2005. Proactive versus Reactive Management of Glyphosate-Resistant or Tolerant Weeds. *Weed Tech.* 19:924-933.

- Crowder, D., D. Onstad, M. Gray, P. Mitchell, J. Spencer, and R. Brazee. 2005. Economic Analysis of Dynamic Management Strategies Using Transgenic Corn for Control of Western Corn Rootworm. *J. Econ. Entom.* 98:961-975.
- Mitchell, P. 2004. Nutrient Best Management Practice Insurance and Farmer Perceptions of Adoption Risk. *J. Agric. Appl. Econ.* 36:657-673.
- Mitchell, P., M. Gray, and K. Steffey. 2004. Composed Error Model for Estimating Pest-Damage Functions and the Impact of the Western Corn Rootworm Soybean Variant in Illinois. *Am. J. Agrc. Econ.* 86:332-344.
- Hurley, Mitchell, and Rice. 2004. Risk and the Value of Bt Corn. *Am. J. Agrc. Econ.* 86:345-358.
- Onstad, D., D. Crowder, P. Mitchell, C. Guse, J. Spencer, E. Levine, and M. Gray. 2003. Economics versus Alleles: Balancing IPM and IRM for Rotation-Resistant Western Corn Rootworm. *J. Econ. Entom.* 96:1872-1885.
- Alston, J., J. Hyde, M. Marra, and P. Mitchell. 2003. An Ex Ante Analysis of the Benefits from the Adoption of Corn Rootworm Resistant Transgenic Corn. *AgBioForum* 5:71-84.
- Mitchell, P. 2003. Value of Imperfect Input Information in Agricultural Production. *Agric. Syst.* 75:277-294.

Book Chapters

- Mitchell, P., and W. Hutchison. 2008. Assessing and Communicating the Value and Risk of IPM. E. Radcliffe and W. Hutchison, eds. *Integrated Pest Management*. Cambridge, UK: Cambridge University Press. Forthcoming.
- Mitchell, P., and D. Onstad. 2008. Valuing Insect Resistance in an Uncertain Future. D. Onstad, ed. *Insect Resistance Management: Biology, Economics, and Prediction*. San Diego, CA: Academic Press, pp. 17-38.
- Hurley, T., and P. Mitchell. 2008. Insect Resistance Management: Adoption and Compliance. D. Onstad, ed. *Insect Resistance Management: Biology, Economics, and Prediction*. San Diego, CA: Academic Press, pp. 227-253.
- Mitchell, P. and T. Hurley. 2006. Adverse Selection, Moral Hazard, and Grower Compliance with Bt Corn Refuge. R. Just, J. Alston, and D. Zilberman, eds. *Economics of Regulation of Agricultural Biotechnologies*. Dordrecht: Kluwer Academic Publishers.
- Mitchell, P. and D. Hennessy. 2003. Factors Determining Best Management Practice Adoption Incentives and the Impact of Green Insurance. B. Babcock, R. Fraser, and J. Lekakis, eds. *Risk Management and the Environment*. Dordrecht: Kluwer Academic Publishers.

Extension Publications

I have several extension publications and presentations too numerous to list on this two-page biographical sketch. Please see my Extension web page for most of these materials: <http://www.aae.wisc.edu/mitchell/extension.htm>.

CURRENT SELECT GRANTS

- Refining and Implementing Multifunctional Management Strategies for Organic Processing Vegetables. USDA-CSREES National Research Intuitive Managed Ecosystems Grant.
- Risk Management Tools for Diversified Vegetable Producers in the Upper Midwest. USDA-RMA Non-Insurance Risk Management Program Competitive Partnership.
- Reducing Cost to Accelerate Adoption of Variant Western Corn Rootworm IPM. USDA-CSREES North Central Region Integrated Pest Management Competitive Grant.