Kenneth A. Albrecht
Professor, Agronomy Dept. & Gaylord Nelson Institute for Environmental Studies

Academic and Professional History:

- Completed a PhD in Crop Production and Physiology with emphasis on forage crops at Iowa State University, 1983.
- Assistant Professor at University of Florida with research and teaching responsibilities in management and physiology of tropical and subtropical pastures (1983-1986).
- In 1986, jointed the University of Wisconsin-Madison to conduct research and teach in the area of forage crop management and utilization.
- In 1995 did a one-year sabbatical as visiting researcher in pasture ecology with AgResearch New Zealand. Have served on the board of directors for American Society of Agronomy and Crop Science Society of America (1999-2001).

Research Focus: Three themes dominate: (i) development of crop/livestock systems that are environmentally sound and profitable (ii) understanding plant factors that affect nutritive value of forage crops (iii) managing agricultural systems at the interface with bio-preserves in Latin America. Current work research focuses on pasture systems for dairy, beef, and sheep production and testing the biological, environmental, and economic impacts of producing maize without tillage in a clover living mulch. Research is in progress in Wisconsin and the Andes of Ecuador.

Graduate Training Focus: Trained nine Ph.D. and eight MS students, most with focus on applied research at the crop--livestock or crop--soil interface. Students are trained as researchers first, but also participate in outreach programs to put the results of applied research into the hands of farmers and consultants. Half of these are international students.

Current Research Support:

- USDA-Hatch. Forage protein characterization and utilization for cattle. PI. $110,000 (10/01/98-09/30/03)
- Global Livestock CRSP-USAID. Community planning for sustainable livestock-based forested ecosystems in Latin America. Co-investigator. $1,050,000 (10/01/01-09/30/03)
- Babcock Institute for International Dairy Research and Development. New resilient pasture species to improve forage intake by diary cattle in low-input production systems. PI. $50,000 (01/01/00—12/31/02)

Select Publications:

- Rohweder, D.A. and K.A. Albrecht. 1995. Permanent pasture ecosystems. p. 207-223. In R.F Barns, D.A. Miller, and C.J. Nelson (eds.), Forages: Vol. II, The Science of Grassland Agriculture, 5th ed. Ames, IA, Iowa State University Press.
- Mouriño, F., K.A. Albrecht, D.M. Schaefer, and P. Berzaghi. 2003. Steer performance on kura clover-grass and red clover-grass mixed pastures. Agron. J. (in press)
- Zemenchik, R.A., K.A. Albrecht, and R.D. Shaver. 2002. Improved nutritive value of kura clover— and birdsfoot trefoil—grass mixtures compared to grass monocultures. Agron. J. (in press)
- Zemenchik, R.A., N.C. Wollenhaupt, and K.A. Albrecht. 2002. Bioavailable phosphorus in runoff from alfalfa, smooth bromegrass, and alfalfa-smooth bromegrass. J. Environ. Qual. 31:280-286.
- Zemenchik, R.A. and K.A. Albrecht. 2002. Nitrogen use efficiency and apparent nitrogen recovery of Kentucky bluegrass, smooth bromegrass, and orchardgrass. Agron. J. 94:421-428.