

## **GREGORY IBENDAHL**

Associate Professor  
Department of Agricultural Economics  
Kansas State University

### **Education**

Ph.D. Agricultural Economics. University of Illinois. Urbana-Champaign, Illinois. 8/93 to 8/98.  
Specialty areas: 1) agricultural finance, 2) natural resources, production, and environmental economics. Degree - October 1998.

M.B.A. Northern Illinois University. DeKalb, Illinois. 8/88 to 5/92. Degree - August 1992.

M.S. Agricultural Mechanization. Southern Illinois University. Carbondale, Illinois. 8/84 to 5/87. Degree - May 1987.

B.S. Agricultural Mechanization. Minor in Computer Science. Southern Illinois University. Carbondale, Illinois. 8/80 to 5/84. Degree - May 1984.

### **Work Experience**

Associate Professor - Kansas State University. 12/12 to present. Appointment 65% Extension, 20% research, and 15% teaching.

Assistant and Associate Extension Professor - Mississippi State University. 11/03 to 12/12. Appointment 100% Extension but also taught senior level ag finance class and farm management class.

Assistant Extension Professor - University of Kentucky. 8/98 to 10/03. Appointment 86% Extension, 11% teaching, and 3% research.

Teaching and Research Assistant - University of Illinois. Urbana, Illinois. 8/93 to 7/98.

Quality Assurance Assistant - DeKalb Plant Genetics (DPG). DeKalb, Illinois. 4/88 to 8/93.  
Monitored and maintained the quality information database of DPG's seed inventory. Developed PC spreadsheets, databases and BASIC programs. Recommended PCs and printers for purchase. Developed promotional material for farmers and dealers. Provided information and answers to users of the quality assurance lab. Organized and communicated results of research projects to upper management. Organized and directed lab safety program.

Evaluation Manager - DeKalb Swine Breeders. DeKalb, Illinois. 6/87 to 4/88. Responsible for the health and welfare of 800 animals. Regulated building environments for optimum growth. Repaired and maintained facilities. Helped select genetically superior animals for future breeding by analyzing performance reports.

Field Representative - Mobay Chemical Corporation Sencore Use Rate Endorsement (S.U.R.E.) program. Representative for southern Illinois area - fall internship. 8/86 to 11/86. Helped recruit farmers for the program. Surveyed farmers about weed problems and collected soil samples from these farmers for analysis.

Teaching Assistant - Southern Illinois University. Carbondale, Illinois. 8/84 to 8/86.

Student Resident Assistant - Baptist Student Center, Southern Illinois University. Carbondale, Illinois. 8/84 to 8/86.

Farmer - Grew up working on my family's 500-acre grain and beef farm in southern Illinois. Began regularly driving a tractor for field work in 5th grade and continued to actively participate in the operation of the family farm until starting job with Dekalb Swine Breeders in 1987.

## EXTENSION

### Programs

- **Liaison to Kansas Farm Management Analysis (KFMA) Program**

Extension activities in support of this program include: acting as data coordinator; developing the departmental database including supplying panel data information; supplying data to faculty and graduate students; cooperating with the KMAR office; working with the KFMA economists; developing programs and publications based on the data collected by the KFMA economists; answering questions from those outside of academia about farm profitability; and developing a policy model to help provide outlook reports on Kansas agriculture.

- **Farm, Financial, and Risk Management**

The goal of this program is to help farmers and farm families analyze the profitability, risk, and financial position of making a change to their farm business.

*Delivery of programs*

**Organic crop profitability:** Development of an organic crop budgeting tool to help producers estimate the costs and benefits of converting to organic crop production.

**Crop budgets:** Development of crop budgets that can easily be modified. Incorporation of risk components to budgets.

**Fertilizer selection tool:** A spreadsheet based tool to find the minimum cost fertilizer combination to meet the nutrient requirements of a field.

**Machinery custom rate tool:** A spreadsheet based tool to update the custom rates for machinery each year.

**Analysis of on-board module cotton pickers:** Developed a spreadsheet-based tool to help farmers calculate the cost of picking cotton with a conventional module-based system versus the new “on-board” module pickers.

**Farm bill calculation tool and education:** Developed a spreadsheet-based tool to help farmers calculate their government payments with each of the FSA options under the 2002 Farm Bill. Held in-service training for agents to explain the Farm Bill and to demonstrate the spreadsheet tool. Held county meetings with farmers across Kentucky in the fall and winter of 2002 and the spring of 2003. Planned and held an organized symposium at the 2003 SAEA meetings about the macro effects of the farm bill. Developed a selected paper for the AAEEA meetings about the overall results from helping farmers pick the correct FSA option.

**Whole farm planning tool:** This spreadsheet-based tool allows producers to examine the profitability and risk of various combinations of crops and livestock enterprises on their farm. A farm income and cash flow statement are generated. Besides work with farmers, this tool was demonstrated to agents at a December 2000 in-service, to Extension Specialists at the 2000 Southern Farm Management Meetings, and to AAEEA members at an organized symposium of the 2001 annual meetings.

**Input price analysis:** Have provided analysis of farm inputs costs yearly since 2003. This analysis has been presented at county meetings and regional meetings. Also, I have presented results as selected papers and posters and through newsletters.

**Specialty grain analysis:** A spreadsheet-based tool was developed to analyze the profitability and risk of growing specialty grains instead of conventional grains. A prototype of this tool was shown to agents at an in-service training. Farmer demonstrations were held during the winter of 2002.

**Crop insurance:** This program attempts to help farmers understand crop insurance. Several meetings were held in Western and Central Kentucky in 1999, 2000, and 2001 to explain crop insurance to farmers.

**Dairy futures and options:** This program attempts to show farmers how dairy put options can help reduce price risk. Several county meetings were held to explain the concepts. In addition to the county meetings, the USDA selected Adair and Barren counties in Kentucky to participate in round two of the Dairy Option Pilot Program (DOPP) during the summer of 2000. The USDA provides cost-share with farmers to help them purchase options. Round three of DOPP was held in the summer of 2001 with 12 counties participating. Two producer meetings in 2000 and four producer meetings in 2001 were held to explain DOPP.

**FSA borrower training:** Assisted with 30 of these two-day workshops during 2000, 2001, 2002, and 2003. Program included financial statement analysis and risk management.

**Risk management workshops:** Two risk management training workshops were held to teach crop insurance agents, FSA personnel, county agents, and others. Total attendance was over 200 people. Training included general discussions about risk and detailed discussions about specific enterprises.

**Financial statement analysis:** These programs help producers understand and use a balance sheet and income statement. Financial ratios are also examined. Meetings for dairy, beef, and grain producers were held.

**Farm family financial management; Estate and retirement planning:** The financial management training was developed to help families respond to the drop in farm income. The goals of the project were to train county agents to help farm families analyze their situation and handle the stresses involved when facing financial difficulties. This training brought together elements of goal setting, stress management, consumer economics, risk management, record keeping, and financial analysis. Agriculture, Family and Consumer Science, and 4-H agents all led the training. The estate and retirement planning was designed to help agents show farmers how to plan for retirement, minimize taxes on their estates, and find the available tools to meet these objectives.

*Farm family financial management:* A four day in-service and a two day in-service were held during the spring and fall of 1999. Over 140 agents attended at least part of the training. Follow-up in-service trainings were held in the summer and fall of 2000.

*Estate planning:* Two agent in-services were held during the Fall of 2001. Over 50 agents attended. Individual county meetings were held in seven counties.

*Women in agriculture:* Presented materials at a series of meetings in Mississippi during a 3-year period.

**South-Central Agricultural Lender Training Program:** A three-day workshop for agricultural lenders was held September 2003, in Tunica, MS. The objective was to provide agricultural lenders the information and tools to better evaluate credit decisions.

**Catfish Profitability:** Terry Hanson and I developed a spreadsheet to analyze catfish profitability. The spreadsheet was demonstrated May, 2004, at the FDIC Catfish Forum. Follow-up work with BankPlus continued the following year.

**Editor of Agricultural Economic and Policy Perspectives.** A newsletter of Mississippi State University's Department of Agricultural Economics. 2003 through 2008.

- **Liaison to Kentucky Farm Business Analysis (KFBM) Program**

Extension activities in support of this program include: acting as data coordinator; attending all area staff conferences and board meetings; working with the nine area farm management specialists; acting as a liaison with the Illinois farm analysis staff; and developing programs and publications based on the data collected by the area specialists.

- **Mississippi State Budget Generator (MSBG) and Land Use Tax Project**

Starting in 2008, I assumed development responsibilities of the MSBG program. Activities include: rewriting the MSBG program using a modern database language, developing a historical database of costs that can be used for research and Extension projects, and implementing a database system that incorporates the MSBG data with the land use tax data. Starting in 2010, I assumed leadership of the land use tax project. This involves assisting two full-time staff, organizing and collecting data, and reporting to the tax commission office the profitability of different land classes across the state.

- **Beginning Farmer and Rancher Program**

Starting in 2011, I and two other PI's received NIFA funding to create and disseminate training and decision aids targeted to high school students who plan to enter farming (see grants section). This project is national in scope and is working with the National Association of Agricultural Educators to target material to both high school teachers and students. Several training modules were developed. These are available at the National Association of Agricultural Educators (NAAE) Communities of Practice page - (<https://communities.naae.org/community/instruction/abm/usda-bfrdp-farm-business-planning-instructional-materials>).

## **Extension Publications**

- **Peer Reviewed Extension Publications**

There are currently 58 crop budgets that are updated each fall (PDF and Excel versions)

2015-2020.

*These were the 2015 budgets:*

- Ibendahl, G.,** D. O'Brien, J Holman, and L Haag. 2015. "Wheat Cost-Return Budget in Southwest Kansas." MF3146.
- Ibendahl, G.,** D. O'Brien, and L Haag. 2015. "Wheat Cost-Return Budget in Northwest Kansas." MF3148.
- Ibendahl, G.,** D. O'Brien, D. Shoup. 2015. "Wheat Cost-Return Budget in South Central Kansas." MF574.
- Ibendahl, G.,** D. O'Brien, S. Duncan. 2015. "Wheat Cost-Return Budget in North Central Kansas." MF2158.
- Ibendahl, G.,** D. O'Brien, S. Duncan. 2015. "Wheat Cost-Return Budget in Northeast Kansas." MF572.
- Ibendahl, G.,** D. O'Brien, and D. Shoup. 2015. "Wheat Cost-Return Budget in Southeast Kansas." MF992.
- Ibendahl, G.,** D. O'Brien, J Holman, and L Haag. 2015. "Grain Sorghum Cost-Return Budget in Southwest Kansas." MF3145
- Ibendahl, G.,** D. O'Brien, J Holman, and L Haag. 2015. "Soybean Cost-Return Budget in Southwest Kansas." MF3142.
- Ibendahl, G.,** D. O'Brien, J Holman, and L Haag. 2015. "Corn Cost-Return Budget in Southwest Kansas." MF3144.
- Ibendahl, G.,** D. O'Brien, J Holman, J. Jones, and L Haag. 2015. "Sunflower Cost-Return Budget in Western Kansas." MF887.
- Ibendahl, G.,** D. O'Brien, J Holman, and L Haag. 2015. "Cane Hay Cost-Return Budget in Western Kansas." MF997.
- Ibendahl, G.,** D. O'Brien, J Holman, and L Haag. 2015. "Sub-Irrigated Alfalfa Cost-Return Budget in Southwest Kansas." MF3143.
- Ibendahl, G.,** D. O'Brien, J Holman, and L Haag. 2015. "Cotton Cost-Return Budget in Southwest Kansas." MF2565.
- Ibendahl, G.,** D. O'Brien, and L Haag. 2015. "Grain Sorghum Cost-Return Budget in Northwest Kansas." MF3147.
- Ibendahl, G.,** D. O'Brien, and L Haag. 2015. "Soybean Cost-Return Budget in Northwest Kansas." MF3141.
- Ibendahl, G.,** D. O'Brien, and L Haag. 2015. "Corn Cost-Return Budget in Northwest Kansas." MF3140.
- Ibendahl, G.,** D. O'Brien, and L Haag. 2015. "Sub-Irrigated Cost-Return Budget in Northwest Kansas." MF3139.
- Ibendahl, G.,** D. O'Brien, and D. Shoup. 2015. "Grain Sorghum Cost-Return Budget in South Central Kansas." MF575.
- Ibendahl, G.,** D. O'Brien, and D. Shoup. 2015. "Forage Sorghum Silage Cost-Return Budget in South Central Kansas." MF648.
- Ibendahl, G.,** D. O'Brien, and D. Shoup. 2015. "Soybean Cost-Return Budget in South Central Kansas." MF2156.
- Ibendahl, G.,** D. O'Brien, and D. Shoup. 2015. "Double-Crop Soybean Cost-Return Budget in Central and Eastern Kansas." MF2537.

- Ibendahl, G., D. O'Brien, and D. Shoup.** 2015. "Corn Cost-Return Budget in South Central Kansas." MF2157.
- Ibendahl, G., D. O'Brien, and S. Duncan.** 2015. "Double-Crop Sunflower Cost-Return Budget in Central and Eastern Kansas." MF2145.
- Ibendahl, G., D. O'Brien, D. Shoup, and J. Holman.** 2015. "Canola Cost-Return Budget in South Central Kansas." MF2421.
- Ibendahl, G., D. O'Brien, and D. Shoup.** 2015. "Alfalfa Cost-Return Budget in Central and Eastern Kansas." MF363.
- Ibendahl, G., D. O'Brien, D. Shoup S. Duncan, and L Haag.** 2015. "Cotton Cost-Return Budget in South Central and Southeast Kansas." MF939.
- Ibendahl, G., D. O'Brien, D. Shoup, and S. Duncan.** 2015. "Brome Hay Cost-Return Budget in Central and Eastern Kansas." MF2143.
- Ibendahl, G., D. O'Brien, D. Shoup, and S. Duncan.** 2015. "Fescue Hay Cost-Return Budget in Central and Eastern Kansas." MF2146.
- Ibendahl, G., D. O'Brien, and S. Duncan.** 2015. "Grain Sorghum Cost-Return Budget in North Central Kansas." MF2159.
- Ibendahl, G., D. O'Brien, and S. Duncan.** 2015. "Soybean Cost-Return Budget in North Central Kansas." MF2160.
- Ibendahl, G., D. O'Brien, and S. Duncan.** 2015. "Corn Cost-Return Budget in North Central Kansas." MF2161.
- Ibendahl, G., D. O'Brien, and S. Duncan.** 2015. "Oil-Type Sunflower Cost-Return Budget in North Central and Northeast Kansas." MF2144.
- Ibendahl, G., D. O'Brien, and S. Duncan.** 2015. "Grain Sorghum Cost-Return Budget in Northeast Kansas." MF573.
- Ibendahl, G., D. O'Brien, and S. Duncan.** 2015. "Soybean Cost-Return Budget in Northeast Kansas." MF570.
- Ibendahl, G., D. O'Brien, and S. Duncan.** 2015. "Corn Cost-Return Budget in Northeast Kansas." MF571.
- Ibendahl, G., D. O'Brien, and S. Duncan.** 2015. "Corn Silage Cost-Return Budget in Northeast Kansas." MF2364.
- Ibendahl, G., D. O'Brien, and D. Shoup.** 2015. "Grain Sorghum Cost-Return Budget in Southeast Kansas." MF995.
- Ibendahl, G., D. O'Brien, and D. Shoup.** 2015. "Soybean Cost-Return Budget in Southeast Kansas." MF994.
- Ibendahl, G., D. O'Brien, and D. Shoup.** 2015. "Corn Cost-Return Budget in Southeast Kansas." MF993.
- Ibendahl, G., D. O'Brien, L Haag, and J Holman.** 2015. "Center-Pivot-Irrigated Wheat Cost-Return Budget in Western Kansas." MF583.
- Ibendahl, G., D. O'Brien, L Haag, and J Holman.** 2015. "Center-Pivot-Irrigated Grain Sorghum Cost-Return Budget in Western Kansas." MF582.
- Ibendahl, G., D. O'Brien, L Haag, and J Holman.** 2015. "Center-Pivot-Irrigated Soybean Cost-Return Budget in Western Kansas." MF586.
- Ibendahl, G., D. O'Brien, L Haag, and J Holman.** 2015. "Center-Pivot-Irrigated Corn Cost-Return Budget in Western Kansas." MF585.

- Ibendahl, G.**, D. O'Brien, L Haag, and J Holman. 2015. "Center-Pivot-Irrigated Corn Silage Cost-Return Budget in Western Kansas." MF589.
- Ibendahl, G.**, D. O'Brien, L Haag, and J Holman. 2015. "Center-Pivot-Irrigated Forage Sorghum Silage Cost-Return Budget in Western Kansas." MF998.
- Ibendahl, G.**, D. O'Brien, L Haag, and J Holman. 2015. "Center-Pivot-Irrigated Alfalfa Cost-Return Budget in Western Kansas." MF584.
- Ibendahl, G.**, D. O'Brien, L Haag, J. Jones, and J Holman. 2015. "Center-Pivot-Irrigated Sunflowers Cost-Return Budget in Western Kansas." MF800.
- Ibendahl, G.**, D. O'Brien, L Haag, and J Holman. 2015. "Center-Pivot-Irrigated Cotton Cost-Return Budget in Western Kansas." MF2567.
- Ibendahl, G.**, D. O'Brien, and S. Duncan. 2015. "Center-Pivot-Irrigated Grain Sorghum Cost-Return Budget in North Central Kansas." MF2600.
- Ibendahl, G.**, D. O'Brien, and S. Duncan. 2015. "Center-Pivot-Irrigated Soybean Cost-Return Budget in North Central Kansas." MF2602.
- Ibendahl, G.**, D. O'Brien, and S. Duncan. 2015. "Center-Pivot-Irrigated Corn Cost-Return Budget in North Central Kansas." MF2601.

*Other peer reviewed Extension publications*

- Hanson, T.R., J.D. Anderson, **G. Ibendahl**, J. Steeby and J. Avery. "Partial Budgeting as a Decision-Making Tool for Catfish Producers With an Example for Delta MS Catfish Producers." Mississippi State University Extension Service Publication 2437. 2007.
- Hanson, T.R., J.D. Anderson, **G. Ibendahl**, C. Hogue and J. Avery. "Partial Budgeting as a Decision-Making Tool for Catfish Producers With an Example for East Mississippi Catfish Producers." Mississippi State University Extension Service Publication 2436. 2007.
- Ibendahl, G.**, T.R. Hanson, and J.D. Anderson. "Introduction to Financial Statements and Ratios (An East Mississippi Catfish Farm Example)." Mississippi State University Extension Service Publication 2438. 2007
- Ibendahl, G.**, T.R. Hanson, and J.D. Anderson. "Example of Financial Ratios for Catfish Farmers (An East Mississippi Catfish Farm Example)." Mississippi State University Extension Service Publication 2441. 2007
- Ibendahl, G.**, T.R. Hanson, and J.D. Anderson. "Introduction to Financial Statements and Ratios (A Delta Catfish Farm Example)." Mississippi State University Extension Service Publication 2439. 2007
- Ibendahl, G.**, T.R. Hanson, and J.D. Anderson. "Example of Financial Ratios for Catfish Farmers (A Delta Catfish Farm Example)." Mississippi State University Extension Service Publication 2440. 2007
- Jones, L., **G. Ibendahl**, and C. Infanger. "Agricultural Economic Outlook." In Agricultural Situation and Outlook: Fall 2003. ESM-29. Ed., L. Inman, T. Woods, and M. Ernst. Department of Agricultural Economics. University of Kentucky. Lexington, KY: October 2003.
- Burdine, K., **G. Ibendahl**, J. Anderson, and L. Anderson. "Using the Replacement Model for Open Breeding Stock." (2002-03). Department of Agricultural Economics, University of Kentucky. Lexington, KY: November 2002.



- Ibendahl, G.** and L. Jones. "Macroeconomic and Agricultural Situation and Outlook." In Agricultural Situation and Outlook: Fall 2002. ESM-28. Ed., L. Inman, L. Williamson, and E. Scorsone. Department of Agricultural Economics. University of Kentucky. Lexington, KY: October 2002.
- Ibendahl, G.** "Economics for Corn Production." In A Comprehensive Guide to Corn Management in Kentucky. ID-139. Ed., University of Kentucky Extension. University of Kentucky. Lexington, KY: December 2001.
- Ibendahl, G.** "2000 Sole Proprietor Financial Summary." No. 2001-16. Department of Agricultural Economics, University of Kentucky. Lexington, KY: December 2001.
- Ibendahl, G.** and L. Jones. "Macroeconomic and Agricultural Situation and Outlook." In Agricultural Situation and Outlook: Fall 2001. ESM-27. Ed., D. Green, L. Williamson, and E. Scorsone. Department of Agricultural Economics. University of Kentucky. Lexington, KY: October 2001.
- Costin, R., **G. Ibendahl**, and R. Coffey. "1999 Hog Enterprise Summary." No. 2001-. Department of Agricultural Economics, University of Kentucky. Lexington, KY: 2001.
- Ibendahl, G.**, and S. Isaacs. "Directions for Using the Farm Planning Tool (FPT)." AEC-91. Department of Agricultural Economics, University of Kentucky. Lexington, KY: 2000.
- Ibendahl, G.**, R. Morgan, and D. Heisterberg. "Kentucky Farm Business Management Program 1999 Annual Financial summary." No. 2000-15. Department of Agricultural Economics, University of Kentucky. Lexington, KY: September 2000.
- Ibendahl, G.** and L. Jones. "Macroeconomic and Agricultural Situation and Outlook." In Agricultural Situation and Outlook: Fall 2000. ESM-26. Ed., J. Anderson. Department of Agricultural Economics. University of Kentucky. Lexington, KY: October 2000.
- Ibendahl, G.** "Outlook for Agricultural Inputs." In Agricultural Situation and Outlook: Fall 2000. ESM-26. Ed., J. Anderson. Department of Agricultural Economics. University of Kentucky. Lexington, KY: October 2000.
- Ibendahl, G.**, K. Zeuli, and W. Pearce. "Analyzing the Profitability and Risk of High-Oil Corn." No 2000-10. Department of Agricultural Economics, University of Kentucky. Lexington, KY: June 2000.
- Ibendahl, G.**, R. Costin, R. Coffey, and R. Fleming. "1990-98 Hog Enterprise Summary: Kentucky Farm Business Management Program." No. 2000-01. Department of Agricultural Economics, University of Kentucky. Lexington, KY: 2000.
- Peters, D., C. Dillon, **G. Ibendahl**, and R. Trimble. "1998 Wheat Costs and Returns: Kentucky Farm Business Management Program." No. 2000-06. Department of Agricultural Economics, University of Kentucky. Lexington, KY: 2000.
- Ramming, W., C. Dillon, and **G. Ibendahl**. "1998 Full Season Soybean Costs and Returns: Kentucky Farm Business Management Program." No. 2000-08. Department of Agricultural Economics, University of Kentucky. Lexington, KY: 2000.
- Ramming, W., C. Dillon, and **G. Ibendahl**. "1998 Double Crop Soybean Costs and Returns: Kentucky Farm Business Management Program." No. 2000-07. Department of Agricultural Economics, University of Kentucky. Lexington, KY: 2000.
- Moss, T., **G. Ibendahl**, and S. Riggins. "1998 Yellow Corn Costs and Returns: Kentucky Farm Business Management Program." No. 2000-02. Department of Agricultural Economics, University of Kentucky. Lexington, KY: 2000.

- Ibendahl, G.** and R. Morgan. "Kentucky Farm Business Management Program 1998 Annual Financial summary." No. 99-01. Department of Agricultural Economics, University of Kentucky. Lexington, KY: 1999.
- Ibendahl, G.** and J. Anderson. "Put Options as Price Insurance for Dairy Farmers." AEC-87. Department of Agricultural Economics, University of Kentucky. Lexington, KY: 1999.
- Ibendahl, G.** and J. Anderson. "Dairy Simulation of Put Options." AEC-88. Department of Agricultural Economics, University of Kentucky. Lexington, KY: 1999.
- Anderson, J. and **G. Ibendahl.** "Risk Management Tools for Dairy Farmers: Dairy Futures Contracts." AEC-87. Department of Agricultural Economics, University of Kentucky. Lexington, KY: 1999.
- Anderson, J. and **G. Ibendahl.** "Risk Management Tools for Dairy Farmers: Options on Dairy Futures." AEC-87. Department of Agricultural Economics, University of Kentucky. Lexington, KY: 1999.
- Ibendahl, G.** "Agricultural Inputs." In Agricultural Situation and Outlook: Fall 1998. ESM-24. Ed., S. Riggins and L. Inman. Department of Agricultural Economics. University of Kentucky. Lexington, KY: October 1998.
- Isaacs, S., R. Trimble, C. Dillon, and **G. Ibendahl.** "Farm Financial Survival in the Current Farm Crisis." In Agricultural Situation and Outlook: Fall 1998. ESM-24. Ed., S. Riggins and L. Inman. Department of Agricultural Economics. University of Kentucky. Lexington, KY: October 1998.
- Isaacs, S., R. Trimble, C. Dillon, and **G. Ibendahl.** "Farm Financial Crisis Management." In Agricultural Situation and Outlook: Fall 1999. ESM-25. Ed., J. Anderson. Department of Agricultural Economics. University of Kentucky. Lexington, KY: October 1999.
- Infanger, C., L. Jones, and **G. Ibendahl.** "Macroeconomic and Agricultural Situation and Outlook." In Agricultural Situation and Outlook: Fall 1999. ESM-25. Ed., J. Anderson. Department of Agricultural Economics. University of Kentucky. Lexington, KY: October 1999.
- Ibendahl, G.** "Outlook for Agricultural Inputs." In Agricultural Situation and Outlook: Fall 1999. ESM-25. Ed., J. Anderson. Department of Agricultural Economics. University of Kentucky. Lexington, KY: October 1999.

#### • **Non-refereed Extension Publications**

- Ibendahl, G.** and D. O'Brien. "2021 Kansas County-Level Cash Rental Rates for Irrigated Cropland." Agmanager Publication - GI-2021.13, (forthcoming).
- Ibendahl, G.** and D. O'Brien. "2021 Kansas County-Level Cash Rental Rates for Non-Irrigated Cropland." Agmanager Publication - GI-2021.12, July 27, 2021.
- Ibendahl, G.** 2021. "Family Living and the Connection to Nonfarm Wages." Agmanager Publication - GI-2021.11, June 2, 2021.
- Ibendahl, G.** 2021. "Family Living and Nonfarm Income." Agmanager Publication - GI-2021.10, June 1, 2021.
- Ibendahl, G.** 2021. "A May 2021 Estimate of 2021 Kansas Net Farm Income and a Projection for 2022 ." Agmanager Publication - GI-2021.09, May 29, 2021.
- Ibendahl, G.** 2021. "An Analysis of Family Living in Kansas for 2020." Agmanager Publication - GI-2021.08, May 21, 2021.

- Ibendahl, G.** 2021. "A Percentage Breakdown of Farm Expenses by Category." AgManager Publication - GI-2021.06, February 23, 2021.
- Ibendahl, G.** 2021. "Fertilizer Price Predictions for 2021." AgManager Publication - GI-2021.04, February 13, 2021.
- Ibendahl, G.** 2021. "A Comparison of Kansas Net Farm Income from KFMA and ERS." AgManager Publication - GI-2021.07, February 8, 2021.
- Ibendahl, G.** 2021. "Oil, Gas and Diesel Outlook for 2021." AgManager Publication - GI-2021.02, January 29, 2021.
- Ibendahl, G.** and D. O'Brien. 2021. "A Preliminary Estimate of 2020 Kansas Net Farm Income and a Projection for 2021." AgManager Publication - GI-2021.01, January 21, 2021.
- Ibendahl, G.** and D. O'Brien. 2020. "What's Going Down with Oil Prices." AgManager Publication - GI-2020.2, April 23, 2020.
- Ibendahl, G.,** K. Herbel, and D. O'Brien. 2020. "A Preliminary Estimate of 2020 Kansas Net Farm Income." AgManager publication, GI-2020 - May 22, 2020.
- Ibendahl, G.,** K. Herbel, and A. Featherstone. 2020. "A Preliminary Estimate of 2019 Enterprise Profitability." AgManager publication, GI-2020.1 - February 7, 2020.
- Ibendahl, G.** 2019. "Diesel Price Outlook for 2019." AgManager publication, GI-2019.1 - January 22, 2019.
- Ibendahl, G.** 2019. "Fuel Price Seasonality." AgManager publication, GI-2019.2 - February 5, 2019
- Ibendahl, G.** 2019. "USDA Expense Indexes." AgManager publication, GI-2019.3 - February 14, 2019.
- Ibendahl, G.** 2019. "Predicting Fertilizer Prices for 2019." AgManager publication, GI-2019.4 - February 21, 2019.
- Ibendahl, G.** and T. Griffin. 2019. "What Makes a Top Farm? - Overview." AgManager publication, GI-2019.5 - February 25, 2019.
- Ibendahl, G.** and T. Griffin. 2019. "What Makes a Top Farm? - Effect of Farm Size." AgManager publication, GI-2019.6 - March 22, 2019.
- Ibendahl, G.** and T. Griffin. 2019. "What Makes a Top Farm? - Effect of Debt." AgManager publication, GI-2019.7 - March 25, 2019
- O'Brien, D. and **G. Ibendahl.** 2019. "2019 Kansas Sorghum Net Returns at RMA Projected Sorghum Prices." AgManager publication, March 8, 2019.
- O'Brien, D. and **G. Ibendahl.** 2019. "2019 Kansas Corn Net Returns at RMA Projected Corn Prices." AgManager publication, March 8, 2019.
- O'Brien, D. and **G. Ibendahl.** 2019. "2019 Kansas Soybean Net Returns at RMA Projected Soybean Prices." AgManager publication, March 8, 2019.
- Ibendahl, G.** and T. Griffin. 2019. "Top Farms and the Effect of Investing in Machinery." AgManager publication, GI-2019.8 - April 2, 2019.
- Ibendahl, G.** and T. Griffin. 2019. "Top Farms and the Effect of Machinery Expenses." AgManager publication, GI-2019.9 - April 18, 2019.
- Ibendahl, G.,** T. Griffin, A. Shanoyan, and E. Yeager. "Farm Generations and Net Farm Income." AgManager publication, GI-2019.10 - July 26, 2019.

- Griffin, T., E. Yeager, A. Shanoyan, and **G. Ibendahl**. 2019. "The KFMA Operator Database: A short note on age and experience of Kansas farmers." AgManager publication, June 2019
- Ibendahl, G.**, and D. O'Brien. 2019. "Propane Market Update and Prospects - Late November 2019." AgManager publication, November 22, 2019.
- Ibendahl, G.** 2019. "The Changing Farm Debt Situation." AgManager publication, December 19, 2019.
- Ibendahl, G.** 2019. "A Comparison of Net Farm Income in Kansas - Good Years vs Bad Years." AgManager publication, GI-2019.17 - December 21, 2019.
- Ibendahl, G.**, "Custom Rates for 2018." AgManager publication, GI-2018.1 – February 7, 2018.
- Ibendahl, G.**, "An Analysis of Family Living in Kansas." AgManager publication, GI-2018.2 – February 8, 2018.
- Ibendahl, G.**, "An Analysis of Family Living by Non-Farm Income Group." AgManager publication, GI-2018.3 – February 20, 2018.
- Ibendahl, G.**, "Kansas Wheat Yield Outlook for 2018." AgManager publication, GI-2018.4 – March 12, 2018.
- Ibendahl, G.**, "Comparing the Financial Ratios ROA and ROE." AgManager publication, GI-2018.5 – April 3, 2018.
- Ibendahl, G.**, "Diesel Fuel Prices for 2018." AgManager publication, GI-2018.6 – April 5, 2018.
- Ibendahl, G.**, "Comparing Interest Rates Paid by Farmers." AgManager publication, GI-2018.7 – April 10, 2018.
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- Ibendahl, G.** “Financial Ratios for 1999” Economic and Policy Update. Vol. 00, No. 8. Department of Agricultural Economics. University of Kentucky. May 12, 2000.
- Ibendahl, G.** “Fertilizer and Fuel Prices.” Economic and Policy Update. Vol. 00, No. 4. Department of Agricultural Economics. University of Kentucky. March 17, 2000.
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- Ibendahl, G.** “Kentucky Ag Finance.” In The Kentucky Agricultural Economic Outlook for 2000. Ed., L. Powers and W. Snell. Department of Agricultural Economics. University of Kentucky. Lexington, KY: December 1999.
- Ibendahl, G.,** and K. Zeuli. “Analyzing Whether to Plant Specialty Corn and Soybeans.” Economic and Policy Update. Vol. 99, No. 15. Department of Agricultural Economics. University of Kentucky. November 12, 1999.
- Ibendahl, G.** “Cash Flow Needs During the Drought.” Economic and Policy Update. Vol. 99, No. 12. Department of Agricultural Economics. University of Kentucky. September 10, 1999.
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- Ibendahl, G.** “Review Your Savings Bonds.” Economic and Policy Update. Vol. 99, No. 8. Department of Agricultural Economics. University of Kentucky. June 18, 1999.
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- Ibendahl, G.** “Highlights of the 1997 Census of Agriculture.” Economic and Policy Update. Vol. 99, No. 1. Department of Agricultural Economics. University of Kentucky. February 12, 1999.
- Ibendahl, G.** “Minimizing Taxes of Farm Sales.” Economic and Policy Update. Vol. 98, No. 22. Department of Agricultural Economics. University of Kentucky. December 4, 1998.

• **Other Publications (non-departmental publications)**

- Riggins S., **G. Ibendahl**, S. Isaacs, L. Powers. “Corn/soybeans is cropping decision for 2002, beyond.” MidAmerica Farm Publication, Vol 19, No 15, April 12, 2002.
- Ibendahl, G.** “Fertilizer Outlook.” KFACA News (Kentucky Fertilizer and Agricultural Chemical Association), October 2001.
- Maynard, L., **G. Ibendahl**, and R. Fleming. “Stabilizing the Dairy Market.” Policy paper for Farm Bureau. June, 2000.

- Ibendahl, G.** and S. Isaacs. "Using the Farm Planning Tool (FPT) to Examine an Increase in Farm Size." 2000.
- Ibendahl, G.** and S. Isaacs. "Using the Farm Planning Tool (FPT) to Examine a Change in Enterprises." 2000.
- Ibendahl, G.** and S. Isaacs. "Using the Farm Planning Tool (FPT) to Examine Asset Purchases." 2000.
- Ibendahl, G.** and J. Skees. "Using Crop Insurance to Manage Risk." 2000.
- Ibendahl, G.,** and K. Zeuli. "Crop Insurance and Risk." Policy paper for Kentucky Farm Bureau. June, 1999.

## Other Extension Contributions

- **Software and instructional videos**

### *Crop budgeting tool*

- Ibendahl, G.** 2020. "Kansas State Budget Generator (KSBG)." Application that builds the crop budgets. 12/10/20.
- Ibendahl, G.** 2020. "General Overview of the Kansas State Budget Generator." Instructional video about KSBG. 12/10/20.
- Ibendahl, G.** 2020. "How to Make Changes to a Budget." Instructional video about KSBG. 12/10/20.
- Ibendahl, G.** 2020. "How to Create a New Crop Budget." Instructional video about KSBG. 12/10/20.
- Ibendahl, G.** 2020. "How to Combine Budgets into a Single Printed Budget." Instructional video about KSBG. 12/10/20.
- Ibendahl, G.** 2020. "How to Print Crop Budgets." Instructional video about KSBG. 12/10/20.

### *Budgeting and leasing tool*

- Ibendahl, G.** 2020. "Crop Budget and Leasing Tool." Application that uses the crop budgets to calculate leasing returns. 12/10/20. <https://agmanager.info/land-leasing/land-rental-rates/lease-simulation-tool>
- Ibendahl, G.** 2020. "General Overview of the crop budget and leasing tool." Instructional video. 12/10/20. <https://www.youtube.com/watch?v=mELvOyIDPUw&feature=youtu.be>
- Ibendahl, G.** 2020. "Comparing share vs cash leases. Instructional video. 12/10/20. <https://www.youtube.com/watch?v=Ii4EoZPVfRc&feature=youtu.be>
- Ibendahl, G.** 2020. "How to create a new budget from an existing budget." Instructional video. 12/10/20. <https://www.youtube.com/watch?v=Gc51uFOdjuI&feature=youtu.be>
- Ibendahl, G.** 2020. "How to simulate the expected returns from various lease arrangement." Instructional video. 12/10/20. <https://www.youtube.com/watch?v=qCK-lnUKluY&feature=youtu.be>
- Ibendahl, G.** 2020. "How to interpret the simulation results from the lease alternatives." Instructional video. 12/10/20. <https://www.youtube.com/watch?v=dZzIt0vI870&feature=youtu.be>

### ***Owned machinery cost calculator***

**Ibendahl, G.** and T. Griffin. 2020. "Machinery Cost Calculator." Application that calculates the cost per acre for owned machinery operations. 7/7/20. <https://agmanager.info/machinery/kansas-days-suitable-fieldwork/machinery-cost-calculator>

**Ibendahl, G.** "2018 Custom Rate Excel Tool for Row Crop Production." November, 2017.

**Ibendahl, G.,** "Spreadsheet to Find the Minimum Cost Fertilizer Combination for a Field" Spreadsheet tool - March 2017.

Kansas State Budget Generator (used internally to publish budgets)

Machinery Cost Calculator - both PC and iPad versions (internal use for other Extension work)

Mississippi State Budget Generator (MSBG) - rewrite - both PC and iPad versions. This has since been turned into the Kansas State Budget Generator.

Catfish Profitability Analysis Tool. (See Area and State Meetings.)

Base Acreage and Yield Updating Decision Tool for Kentucky. (See Extension Programs.)

Farm Planning Tool (FPT). (See publication list.)

Specialty Grain Analysis Tool. (See Extension Programs.)

Developed software to simulate dairy put options. This software is to be used in conjunction with publication AEC-88. (See Extension Programs.)

Helped develop catfish profitability analysis spreadsheet. (See Extension Programs.)

## **Extension Meetings and Presentation**

### **• National and regional presentations**

see research section

### **• In-Service (Agent) training programs**

**Ibendahl, G.** and D. O'Brien. 2021. "Basics of a Cropland Flex-Lease Arrangement."

Presentation at 2021 Agricultural Economics Agent Update Training. Tony's Pizza Event Center, Salina, KS. 12/15/21 (Cancelled early due to bad weather)

**Ibendahl, G.** and D. O'Brien. 2020. "New 2021 KSU Crop Budgets, Machinery Cost Tool and Lease Tool." Presentation at 2020 Agricultural Economics Agent Update Training. Tony's Pizza Event Center, Salina, KS. 12/17/20.

**Ibendahl, G.** 2018. "Input Cost Outlook." Farming for the Future workshops.

a. Scott City, KS – January 10, 2018.

b. Emporia, KS – January 11, 2-18.

**Ibendahl, G.** D. O'Brien, and M. Vandever. 2016. "Crop Budgets for 2017 and How to Use the Budgets to Plan for Next Year." 2016 State Extension Conference. Manhattan, KS. October 26, 2016.

**Ibendahl, G.**, and K. Herbel. “KFMA Farmer Age Characteristics.” Presentation at the 2014 KSRE Annual Conference. Part of a full session called “Tight Farm Finances and Planning Successful Farm and Ranch Transition”. Dan O’Brien and Gregg Hadley, organizers.

“Agricultural Risk Management.” 2010 agent training. Mississippi State University. December 2010.

“Department of Agricultural Economics: Who We Are.” 2010 agent training for North East Mississippi agents. December 2010.

“Overview of Agricultural Finance.” 2005 PPG Training. Mississippi State University. March 2005.

“Conservation Program Analysis.” PPG training. Mississippi State University. June 2004.

“Economic Information Sources.” PPG training. Mississippi State University. June 2004.

“Economic Computer Decision Aids.” Pennyryle State Park, KY. December 2002.

“Farm Bill Training.” Hardin County Extension office, KY. August 2002.

“Estate Planning - Why We Need to Make Plans.” Lexington and Princeton, KY. November 2001.

“Cropping Computerized Decision Aids.” Pennyryle State Park, KY. December 2000.

“Basic Farm Financial Statements.” Princeton, KY. March 2000.

“Cropping Decision Aids.” Pennyryle State Park, KY. December 1999.

“Farm Family Financial Management.” (see Extension program sections for details).

“Quicken Workshop.” Lexington, KY. November 1998, November 1999, October 2000.

“Economic Subject Matter.” 5 locations across Kentucky. October 1999, 2000, 2001, and 2002.

- **Area and state meetings**

**Ibendahl, G.** 2021. “Projections of Net Farm Income and Major Expenses for 2021 and 2022.” 2 presentations at Risk and Profit Conference, Department of Agricultural Economics, Kansas State University, Manhattan, KS. August 19 and 20, 2021.

**Ibendahl, G.** and D. O'Brien. 2021. “Situation and Outlook for Irrigated and Non-Irrigated Cash Rents in Kansas.” 3 presentations at Risk and Profit Conference, Department of Agricultural Economics, Kansas State University, Manhattan, KS. August 19 and 20, 2021.

**Ibendahl, G.** 2020. “Predicting Net Farm Income for 2020 and 2021 Using KFMA Data.” Risk and Profit Conference, Department of Agricultural Economics, Kansas State University, Manhattan, KS. August 13, 2020.

**Ibendahl, G.**, and T. Griffin. 2019. “What Makes a Top Farm.” Presentation to KFMA Economists. KFMA Spring Conference, May 6, 2019.

**Ibendahl, G.** 2019. “Predicting Fertilizer Prices.” Risk and Profit Conference, Department of Agricultural Economics, Kansas State University, Manhattan, KS. August 22-23, 2019.

**Ibendahl, G.** 2019. “Characteristics of Top Farms in Kansas.” Ag Lenders Workshop

- a. Garden City, KS – October 8, 2019.
- b. Manhattan, KS – October 9, 2019.

**Ibendahl, G.** 2018. “The Current Farm Financial Situation and a Comparison to the 1980’s.” Concordia, KS. February 26, 2018 .

- Ibendahl, G.** 2018. "Update on Ag Input Costs." Highland, KS February 27, 2018.
- Ibendahl, G.** 2018. "KFMA Farms with Upside Down ROA to ROE Ratios." Presentation to KFMA Economists. KFMA Spring Conference, May 8, 2018.
- Ibendahl, G.** 2018. "Family Living Expenses, Current Net Farm Income and Effects on Farm Equity." Risk and Profit Conference, Department of Agricultural Economics, Kansas State University, Manhattan, KS. August 16-17, 2018.
- Carls, E., **G. Ibendahl**, T. Griffin, and E. Yeager. 2018. "Factors Affecting Net Farm Income." Risk and Profit Conference, Department of Agricultural Economics, Kansas State University, Manhattan, KS. August 16-17, 2018.
- Ibendahl, G.** 2018. "A Comparison of the Financial Ratios ROA and ROE." Ag Lenders Workshop
- a. Garden City, KS – October 9, 2018.
  - b. Manhattan, KS – October 10, 2018.
- Ibendahl, G.** 2017. "Managing Machinery Expenses." 2017. Top 10 Considerations to Navigate a Struggling Farm Economy workshops.
- a. Salina, KS – January 18, 2017.
  - b. Topeka, KS – January 19, 2017.
  - c. El Dorado, KS – February 15, 2017
- Ibendahl, G.** 2017. "Using 2017 Farm Management Guides to Understand and Control Costs." Presentation at Understanding Your Production Cost tri-county workshop. Herrington, KS. January 30, 2017.
- Ibendahl, G.** 2017. "Replacing Farm Equipment." Risk and Profit Conference. Manhattan, KS August, 2017.
- Ibendahl, G.** 2017. "Outlook for Inputs." Farming for the Future workshops.
- a. Pratt, KS – December, 2017.
  - b. Salina, KS – December, 2017.
- Ibendahl, G.** 2016. "Today's Farm Situation vs the 1980's." Cover Your Acres Winter Conference. Oberlin, KS. January 19-20, 2016. – 4 presentations over 2 days.
- Ibendahl, G.** 2016. "Managing Machinery Expenses." 2016 Ag Agent Update (Preview of Top 10 workshop),
- a. Emporia, KS – November 15, 2016.
  - b. Ness City, KS – November 16, 2016.
- Ibendahl, G.** 2016. "Managing Machinery Expenses." 2016 -17 Top 10 Considerations to Navigate a Struggling Farm Economy workshops.
- a. Olathe, KS – December 7, 2016.
  - b. Parsons, KS – December 15, 2016.
- Griffin, T.W., Stabel, J., **Ibendahl, G.** 2016. "Factors Influencing Farms Transitioning Between Financial Vulnerability Categories." K-State Ag Lenders Conference.
- a. Garden City, KS, October 4, 2016
  - b. Manhattan, KS, October 5, 2016
- Ibendahl, G.** 2016. "KFMA Family Living." K-State Ag Lenders Conference.
- a. Garden City, KS, October 4, 2016
  - b. Manhattan, KS, October 5, 2016

- Ibendahl, G.**, and G. Regier. 2016. “Managing Machinery Costs in a Difficult Financial Setting.” Risk and Profit Conference, Department of Agricultural Economics, Kansas State University, Manhattan, KS. August 18-19, 2016.
- Griffin, T., N. Miller, K. Herbel, **G. Ibendahl**, A. Sharda, I. Ciampitti, and B. McCornack. 2016. “Adoption and Utilization of Precision Agricultural Technology.” Risk and Profit Conference, Department of Agricultural Economics, Kansas State University, Manhattan, KS. August 18-19, 2016.
- Ibendahl, G.**, and T. W. Griffin. “An Examination of Machinery Costs and Machinery Investment in Kansas.” Risk and Profit Conference, Department of Agricultural Economics, Kansas State University, Manhattan, KS. August 20-21, 2015.
- Ibendahl, G.** “Tools to Analyze Future Profitability of Kansas Grain Farms.” K-State Ag Lenders Conference.
- a. Garden City, Kansas. September 29, 2015
  - b. Manhattan, Kansas. September 30, 2015
- Ibendahl, G.** “KFMA-Based Farm Financial Profile and Machinery Costs.” Ag Agent Update (Potential Financial Crisis), December 10, 2015, Pottorf Hall, Cisco Park, Manhattan, KS.
- Ibendahl, G.** “Machinery Costs in Kansas” Risk and Profit conference presentation, Manhattan, KS August 21-22, 2014.
- Ibendahl, G.** “KFMA Net Farm Income by Farm Type, Size, Age, and Debt Characteristics.” Presentations at the Ag Lenders Conference, October 7, Garden City, KS and October 8, Manhattan, KS.
- Ibendahl, G.** “Economic Outlook” Presentation to the Wick Buildings Manhattan District Meeting. June 6, 2014.
- Ibendahl, G.** “Drought Management – Economic Considerations.” Southern Plains Drought Summit, Pratt County, March 27, 2013.
- Ibendahl, G.** “Farm Profitability.” MAST conference presentation, Manhattan, KS November 20, 2013.
- Ibendahl, G.** “Are the Most Profitable Farms Consistently the Most Profitable?” Risk and Profit conference presentation, Manhattan, KS August 21-22, 2013
- Devuyst, E., and **G. Ibendahl**. “Farm Management Training for Vo-Ag Teachers.” Workshop in Pryor, OK, June 20, 2013.
- Ibendahl, G.** E. Devuyst, J. M. Riley. “2013 PI Report on BFRDP Grant.” PI Directors meeting for USDA Beginning Farmer and Rancher Program Projects, McAllen, TX, November 2013.
- Ibendahl, G.**, E. Devuyst, J. M. Riley. “Financial and Farm Management Training for High School Students.” A half day pre-conference workshop for vo-ag teachers. National Association of Agricultural Educators (NAAE) annual meeting. Las Vegas, NV, December 2013. (this was also presented as a breakout session during the conference
- “Basic Farm Management.” Training for National Guard members going to Afghanistan. Hattiesburg, MS - May 4, 2012.
- “The Prospects for Input Prices.” Atlanta, GA - September 20-22, 2012. 2011 Southern Outlook Conference.
- “Tax Issues for Cattle Producers.” - Area meeting for Mississippi Cattle Producers. March 8, 2011.



- “Ag Update Press Conference.” Jackson, MS - February 2008. Delta Ag Expo - January 2007. Jackson, MS - March 2005. Jackson, MS - March and December 2004.
- “Outlook for Inputs.” Presentation for outlook conference. Video conference for Virginia Tech, October and November 2009 - series of 6 video conferences. January and February 2008 - series of 6 video conferences. February and March 2007 - series of 6 video conferences. February 2006.
- “Leasing Cropland and Pasture Land.” Women in Agricultural Conference. Continuing series of meetings for 2008. Series of 3 meetings in the fall of 2007.
- “Economic Evaluation of New Cotton Harvesters - Preliminary Results.” Presentation at Cotton Inc. April 2008.
- “Tenant-Landlord Relationships.” Presentation at Mississippi chapter of ASFMRA, Starkville, MS. January, 2008.
- “Is Biodiesel Economically Viable?” North Mississippi Research and Extension Center. March 2006.
- “Profitability and Soybean Rust.” Presentation for Soybean Rust Workshop, Stoneville, MS. January 2006.
- “Overview of U.S. and Agricultural Economy.” Memphis, TN. February 2005.
- “Financial Analysis of Catfish Operations.” Presentation for Mississippi State University Extension Service workshop, Mayhew, MS, May 10, 2005 and Stoneville, MS, May 17, 2005.
- “Quicken Training for Farmers and Agents.” Training for Art Smith, January 2005.
- “Analyzing a Catfish Farmer’s Profitability and Cashflow.” Part of FDIC Catfish Production Lending Conference (multi-state), May 2004.
- “Ag Update 2004: Issues Affecting the Agricultural Industry.” 6 days of training provided during January and February, 2004.
- “Financial Risks for Young and Beginning Farmers When Trying to Purchase Farmland.” South-Central Lender School. Tunica, MS, September 2003.
- “Financial Outlook.” a) part of Agricultural Outlook press conference, Louisville, KY - December 1999, 2000, 2001. b) Fayette County agricultural lenders - January 2000. c) Kentucky Agriculture Advancement Council - February 2000. d) Fort Harod area meeting - January 2001, November 2001.
- “Using Crop Insurance to Manage Risk.” Western Kentucky Agricultural Women’s group. January 2001.

#### • Radio spots

- Ibendahl, G.** 2021. "2022 Kansas Crop Budgets." Radio interview for Agriculture Today. 11/10/21.
- Ibendahl, G.** 2021. "2021 Kansas County-Level Cash Rents for Non-Irrigated Cropland." Radio interview for Agriculture Today. 7/28/21.
- Ibendahl, G.** 2021. "May outlook for 2021 and 2022 net farm income." Radio interview for Agriculture Today. 6/3/21.
- Ibendahl, G.** 2021. "An Analysis of Family Living in Kansas for 2020." Radio interview for Agriculture Today. 5/24/21.

- Ibendahl, G.** 2021. "Gregg Ibendahl -- Farm Management Economist." Dig Deep podcast, Kansas State University Ag Research - 2/22/21.
- Ibendahl, G.** 2021. "KFMA Farm Expenses as a Percent of Total Expenses." Radio interview for Agriculture Today. 2/25/21.
- Ibendahl, G.** 2021. "Fertilizer Price Outlook for 2021." Radio interview for Agriculture Today. 2/16/21.
- Ibendahl, G.** 2021. "Kansas Net Farm Income Predictions for 2020 and 2021." Radio interview for Agriculture Today. 2/8/21.
- Ibendahl, G.** 2021. "Oil, gas, and diesel outlook for 2021." Radio interview for Agriculture Today. 2/2/21.
- Ibendahl, G.** and D. O'Brien. "Why Have Crude Oil Futures Reached Record Lows." Radio interview for Agriculture Today. 4/21/20.
- Ibendahl, G.** 2020. "2020 Kansas Net Farm Income Projection." Radio interview for Agriculture Today. 5/28/20.
- Ibendahl, G.** and D. O'Brien. 2020. "Discussion On Preliminary Estimate Of 2020 Kansas Net Farm Income." Radio interview for WIBW. 6/8/20.
- Ibendahl, G.** 2020. "Better is better: larger farm size not linked to improved profitability." Radio interview for RealAgriculture.com (SIRUS radio). 6/11/20. <https://www.realagriculture.com/2020/06/better-is-better-larger-farm-size-not-linked-to-improved-profitability/>
- Ibendahl, G.** 2020. "An Update on 2020 and 2021 NFI Projections." Radio interview for Agriculture Today. 8/13/20.
- Ibendahl, G.** and T. Griffin 2020. "Avoiding Mistakes When Calculating a Least Cost Fertilizer Mix." Radio interview for Agriculture Today. 8/20/20.
- Ibendahl, G.** and T. Griffin 2020. "How can farmers calculate the cost per acre to operate owned machinery." Radio interview for Agriculture Today. 8/27/20.
- Ibendahl, G.** 2020. "Kansas Crop Budgets for 2021." Radio interview for Agriculture Today. 12/9/20.
- Ibendahl, G.** 2020. "New Kansas State Crop Budget and Leasing Tool" Radio interview for Agriculture Today. 12/16/20.
- Ibendahl, G.** 2020. "An Analysis of Projected Kansas Net Farm Income." TV interview for Kansas Ag Report Television Show. 8/21/20.
- Ibendahl, G.,** "The Changing Farm Debt Situation." Radio interview for Agriculture Today. 1/6/20.
- Ibendahl, G.,** "A Comparison of Net Farm Income in Kansas - Good Years vs Bad Years." Radio interview for Agriculture Today. 1/13/20.
- Ibendahl, G.** and K. Herbel. "A Preliminary Estimate of 2019 Enterprise Profitability." Radio interview for Agriculture Today. 2/6/20.
- Ibendahl, G.,** "Propane Price and Supply Update - Late November 2019." Radio interview for Agriculture Today. 11/27/19.
- Ibendahl, G.,** "Crop Production Budgets for 2020." Radio interview for Agriculture Today. 11/13/19.
- Ibendahl, G.,** T. Griffin, "Creating a Top Farm." Radio interview for Agriculture Today. 10/8/19.

**Ibendahl, G.,** T. Griffin, “Generations, Spending and Debt.” Radio interview for Agriculture Today. 8/14/19.

**Ibendahl, G.,** T. Griffin, “Kansas Farm Income - The Generations.” Radio interview for Agriculture Today. 6/20/19.

**Ibendahl, G.,** T. Griffin, “Machinery Investments and Farm Profitability.” Radio interview for Agriculture Today. 4/12/19.

**Ibendahl, G.,** T. Griffin, “Top Economic Performers - Debt Level Effect.” Radio interview for Agriculture Today. 3/27/19.

**Ibendahl, G.,** T. Griffin, “Why Successful Farms Succeed.” Radio interview for Agriculture Today. 2/27/19.

**Ibendahl, G.,** “Forecasting Nitrogen Fertilizer Prices.” Radio interview for Agriculture Today. 2/26/19.

**Ibendahl, G.,** “Diesel Fuel Prices.” Radio interview for Agriculture Today. 2/11/19.

**Ibendahl, G.,** “2018 Family Living Analysis.” Radio interview for Agriculture Today. 2/15/18.

**Ibendahl, G.,** “Wheat Quality Condition in March and Correlation to Yield.” Radio interview for Agriculture Today. 3/13/18.

**Ibendahl, G.,** “Calculating the Percent of Farms that Have ROA > ROE for 3 Consecutive Years.” Radio interview for Agriculture Today. 4/5/18.

**Ibendahl, G.,** “Diesel Prices – Spring 2018.” Radio interview for Agriculture Today. 4/7/18.

**Ibendahl, G.,** “Growth Rates of Assets and Equity Over Time.” Radio interview for Agriculture Today. 7/11/18.

**Ibendahl, G.,** “2019 Crop Budgets.” Radio interview for Agriculture Today. 11/19/18.

**Ibendahl, G.,** “Fuel Price Outlook for 2017.” Radio interview for Agriculture Today. 2/1/17.

**Ibendahl, G.,** “Predicting Fertilizer Prices.” Radio interview for Agriculture Today. 2/20/17.

**Ibendahl, G.,** “Machinery Replacement Considerations.” Radio interview for Agriculture Today. 4/25/17.

**Ibendahl, G.,** “Figuring Fertilizer Costs.” Radio interview for Agriculture Today. 5/11/17.

**Ibendahl, G.,** “Controlling Machinery Costs.” Radio interview for Agriculture Today. 8/9/17.

**Ibendahl, G.,** “2018 Kansas Custom Rates.” Radio interview for Agriculture Today. 11/29/17.

**Ibendahl, G.,** “Discussion of the USDA Estimate of 2017 Net Farm Income.” Radio interview for Agriculture Today. 11/30/17.

**Ibendahl, G.,** “Kansas Custom Rates for 2016.” Radio interview for Agriculture Today. 3/1/16.

**Ibendahl, G.,** “An Analysis of No-Till vs Tillage Farming.” Radio interview for Agriculture Today. 4/1/16

**Ibendahl, G.,** “Managing Family Farm Expenses.” Radio interview for Agriculture Today. 9/22/16

**Ibendahl, G.,** “The 2017 Crop Budgets.” Radio interview for Agriculture Today. 10/18/16.

**Ibendahl, G.,** “End-of-Year Tax Management.” Radio interview for Agriculture Today. 12/7/16

- Ibendahl, G.**, and T. W. Griffin K-State agricultural economists Terry Griffin and Gregg Ibendahl analyze the farm profitability numbers over time, with important observations for producers. Transitioning Between Farm Profitability Categories. Interviewed by Eric Atkinson Agriculture Today KSRE Radio October 8, 2015 with Gregg Ibendahl [http://www.agmanager.info/news/Radio/Griffin-Ibendahl\\_10-08-15.mp3](http://www.agmanager.info/news/Radio/Griffin-Ibendahl_10-08-15.mp3)
- Ibendahl, G.**, “Debt to Asset Ratios for KFMA Producers.” Radio interview recorded on June 24, 2015
- Ibendahl, G.** “Year end issues.” Radio interview at KSU. 12/12/14  
KFMA Economists, K. Herbel, and **G. Ibendahl** “Kansas Net Farm Income for 2013.” Radio interview at KSU. 5/21/14.
- Ibendahl, G.** “A Comparison of KFMA and ERS net farm income.” Radio interview at KSU, 7/17/14
- Ibendahl, G.** “Diesel Fuel Prices.” Radio interview at KSU. 2/6/13  
KFMA Economists, K. Herbel, and **G. Ibendahl** “Kansas Net Farm Income for 2012.” Radio interview at KSU. 5/16/13.
- Ibendahl, G.** “A Detailed Look at KFMA Financial Numbers.” Radio interview at KSU, 6/7/13.
- Ibendahl, G.** “The Consistency of Farm Profitability.” Radio interview at KSU, 9/12/13.
- Ibendahl, G.** “Tax Strategies for 2012.” Radio interview for Farm and Family, Mississippi State University - December 2011.
- Ibendahl, G.** “Late Year Tax Planning.” Radio interview for Farm and Family, Mississippi State University - December 11-15, 2006.
- Ibendahl, G.** “Hurricane Tax Benefits for Mississippians.” Radio interview for Farm and Family, Mississippi State University - April 3-7, 2006.
- Ibendahl, G.** “Tax Season for Agricultural Producers.” Radio interview for Farm and Family, Mississippi State University - January 30 - February 3, 2006.
- Ibendahl, G.** “U.S. Net Farm Income Report.” Radio interview for Farm and Family, Mississippi State University - December 5-9, 2005.
- Ibendahl, G.** “Impact of High Energy Prices on Farmers.” Radio interview for Farm and Family, Mississippi State University - September 26-30, 2005.
- Ibendahl, G.** “Impact of the Federal Energy Bill.” Radio interview for Farm and Family, Mississippi State University - August 29 - September 2, 2005
- Ibendahl, G.** “Biodiesel.” Radio interview for Farm and Family, Mississippi State University - May 23-27, 2005.
- Ibendahl, G.** “Agricultural Exports and Imports.” Radio interview for Farm and Family, Mississippi State University - March 7-11, 2005.
- Ibendahl, G.** “Net Farm Income Estimates.” Radio interview for Farm and Family, Mississippi State University - December 14, 2004
- Ibendahl, G.** “New Labor Law - FairPay.” Radio interview for Farm and Family, Mississippi State University - October 27, 2004
- Ibendahl, G.** “Rising Interest Rates and Oil Prices.” Radio interview for Farm and Family, Mississippi State University - August 25, 2004.
- Ibendahl, G.** “Implications of Brazil’s WTO Cotton Case.” Radio interview for Farm and Family, Mississippi State University - July 7, 2004.

- Ibendahl, G.** “Fuel Price Outlook.” Radio interview for Farm and Family, Mississippi State University - May 3, 2004.
- Ibendahl, G.** “Controlling the Impact of High Nitrogen Prices.” Radio interview for Farm and Family, Mississippi State University - February 23, 2004.
- Ibendahl, G.** “Land Prices.” Radio interview for College of Agriculture, University of Kentucky - April 2003.
- Ibendahl, G.** “Will There be a Cash-Flow Crisis This Winter.” Radio interview for College of Agriculture, University of Kentucky - November 2002.
- Ibendahl, G.** “Considerations in the New Farm Bill.” Radio interview for College of Agriculture, University of Kentucky - August 2002.
- Ibendahl, G.** “The New Farm Bill.” Radio interview for College of Agriculture, University of Kentucky - June 2002.
- Ibendahl, G.** “Who Controls the Farmland.” Radio interview for College of Agriculture, University of Kentucky - March 2002.
- Ibendahl, G.** “Where Are Gas Prices Headed.” Radio interview for College of Agriculture, University of Kentucky - November 2001.
- Ibendahl, G.** “Corn and Ethanol Production.” Radio interview for College of Agriculture, University of Kentucky - September 2001.
- Ibendahl, G.** “Risk Management Tools for Dairy Farmers.” Radio interview for College of Agriculture, University of Kentucky - July 2001.
- Ibendahl, G.** “Will There Be Higher Fuel Prices this Summer?” Radio interview for College of Agriculture, University of Kentucky - May 2001.
- Ibendahl, G.** “Update on Nitrogen Fertilizer.” Radio interview for College of Agriculture, University of Kentucky - February 2001.
- Ibendahl, G.** “Year End Tax Strategies.” Radio interview for College of Agriculture, University of Kentucky - December 2000.
- Ibendahl, G.** “Credits for No-Till Farming.” Radio interview for College of Agriculture, University of Kentucky - September 2000.
- Ibendahl, G.** “Options for Farmers.” Radio interview for College of Agriculture, University of Kentucky - July 2000.
- Ibendahl, G.** “Fertilizer and Fuel Prices.” Radio interview for College of Agriculture, University of Kentucky - March 2000.
- Ibendahl, G.** “Estate Tax Problems.” Radio interview for College of Agriculture, University of Kentucky - October 1999.
- Ibendahl, G.** “Drought Problems in Kentucky.” Radio interview for College of Agriculture, University of Kentucky - August 1999.
- Ibendahl, G.** “Savings Bonds.” Radio interview for College of Agriculture, University of Kentucky - July 1999.
- Ibendahl, G.** “Using Crop Insurance to Manage Risk.” Radio interview for College of Agriculture, University of Kentucky - April 1999.
- Ibendahl, G.** “Obtaining Farm Loans.” Radio interview for College of Agriculture, University of Kentucky - January 1999.
- Ibendahl, G.** “Environmental Problems with Contract for Deed Sales.” Radio interview for College of Agriculture, University of Kentucky - December 1998.

**Ibendahl, G.** “The KFBM Program.” Radio interview for College of Agriculture, University of Kentucky - October 1998.

- **Television spots**

TV interview with University of Nebraska for show Market Journal. Discussion of the USDA prediction of net farm income for 2017. 11/29/17. <https://youtu.be/ziUctu6YOV0>

TV interview with University of Nebraska for show Market Journal. Discussion of debt financing and financing in agriculture. April 29, 2016. <https://www.youtube.com/watch?v=STBhKfV9JF4&feature=youtu.be>

- **Webinars**

**Ibendahl, G.** 2021. “Farm Profitability Outlook for 2021 and 2022.” Ag Econ series webinar, Department of Agricultural Economics, Kansas State University, Manhattan, KS. May 26, 2021.

**Ibendahl, G.** 2021. “Kansas Crop Cost of Production Estimates in 2021.” Mini Risk & Profit Conference, Department of Agricultural Economics, Kansas State University, Manhattan, KS. March 3, 2021.

**Ibendahl, G.** 2021. “Farm Profitability - A Prediction of Kansas 2020 and 2021 Net Farm Income.” Mini Risk & Profit Conference, Department of Agricultural Economics, Kansas State University, Manhattan, KS. February 3, 2021.

Herbel, K., M. Dikeman, **G. Ibendahl**, and G. Tonsor. “2019 Kansas Farm Income Report and 2020 Farm Income Projections.” K-State webinar. Part of Economics of Agriculture During the COVID-19 Pandemic - A Series of Online Gatherings. 5/21/20.

O’Brien, D. and **G. Ibendahl**. “Oil and Energy Market Analysis.” K-State webinar. 4/22/20.

O’Brien, D. and **G. Ibendahl**. “Grain Markets & Planting Intentions and Crop Cost of Production in 2020.” K-State webinar. 4/22/20.

## EXTENSION & RESEARCH

### Funding

#### • Funded

- Kwon, J., **G. Ibendahl**, Y. Teng-Vaughan, T. O'Quinn. \$500,000. "Maximizing and Benchmarking Profitability of Small to Medium-sized B2C (Business to Consumer) Beef Producers in Kansas USDA-NIFA, 9/1/21 to 8/31/24.
- Ibendahl, G.** and T. Griffin. \$412,960. "The Development of a Whole Farm Organic Transition Tool to Help Advise Producers." USDA-NIFA, 9/1/20 to 8/31/23. (new 3-year grant)
- Ibendahl, G.**, R. Reid, and D. Hund. \$49,710. "Managing Your Farm for Long-Term Success." USDA (NIFA) – North Central Extension Risk Management, 4/1/17 to 9/30/18.
- Ibendahl, G.** \$369,853. "The Development of an Organic Crop Budgeting Tool to Help Advise Producers." USDA-NIFA, 10/1/16 to 9/30/20.
- Griffin, T. and **G. Ibendahl**. \$30,000. "Economic Considerations of Robotic Cotton Harvesters." Cotton Inc., 1/1/18 to 12/31/18.
- Griffin, T. and **G. Ibendahl**. \$30,000. "Economic Considerations of Robotic Cotton Harvesters - Year 2." Cotton Inc., 1/1/19 to 12/31/19.
- Ibendahl, G.** \$20,250 (\$15,000 from sponsor). "Kansas Production Costs and Value of Water – Part II." Cotton Inc., 1/1/16 – 12/31/16.
- Ibendahl, G.** \$20,250 (\$15,000 from sponsor). "Kansas Production Costs and Value of Water." Cotton Inc., 1/1/15 – 12/31/15.
- Ibendahl, G.** \$4,695 (\$4,000 from sponsor). "Estimating the Profitability and Risk of Cotton Production in the Plains." Cotton Inc., 1/1/15 – 12/31/15.
- Ibendahl, G.** \$7,043 (\$6,000 from sponsor). "Risk Management – Strategies for Controlling Input Costs." Cotton Inc., 1/1/13 – 12/31/13.
- Ibendahl, G.** \$4,695 (\$4,000 from sponsor). "Estimating the Profitability and Risk of Cotton Production in the Plains." Cotton Inc., 1/1/14 – 12/31/14.
- Ibendahl, G.**, M. Taylor, N. Paulson, G. Schnitkey, and A. Katchova. \$500,000. "Farm Business Management and Benchmarking: Kansas, Illinois, and Kentucky Collaboration." USDA, 9/1/13 – 8/31/15.
- Ibendahl, G.**, E. Devuyt, J. M. Riley. \$40,000 "Risk Management Training for High School Agriculture Teachers and Students Using the FARRM Game" Grant submitted to the North Central ERME, December 2013.
- Ibendahl, G.**, I. Munn, and J. Baird. "Mississippi State Tax Commission Project." \$242,238 (Total contract was for \$400,000). MS Tax Commission. 7/11 to 6/12.
- Ibendahl, G.**, J. Riley, E. DeVuyt, and J. Jackman. "Supporting Agricultural Education Students as Beginning Farmers and Ranchers." \$479,841. USDA-NIFA. 8/11 to 7/14.
- Ibendahl, G.**, - PI. "Strategies for Controlling the Input Costs of Cotton Producers - Part II." \$6,000. Cotton Incorporated. 1/11 to 12/11.
- Ibendahl, G.**, I. Munn, and J. Baird. "Mississippi State Tax Commission Project." \$242,238 (Total contract was for \$400,000). MS Tax Commission. 7/10 to 6/11.

**Ibendahl, G.**, - PI. “Strategies for Controlling the Input Costs of Cotton Producers.” \$6,000. Cotton Incorporated. 1/10 to 12/10.

**Ibendahl, G.**, - PI. “Examining the Profitability of Skip-Row Cotton.” \$5,000. Cotton Incorporated. 1/10 to 12/10.

**Ibendahl, G.**, and J. Anderson - PI. “Innovative Seed Cotton Handling Initiative-Part IV.” \$15,000. Cotton Incorporated. 1/09 to 12/09.

Anderson, J.D. and **G. Ibendahl**. “Review of Crop Insurance Alternatives for Cotton Producers and Implications of the Proposed Standing Disaster Assistance Program - Part II.” \$6,000. Cotton Incorporated. 1/09 to 12/09.

**Ibendahl, G.** - PI. “Crop Reflectance Based Fertilizer N Management for Improved Nitrogen use Efficiency in Cotton.” \$10,088. USDA CSREES. 3/08 to 7/09. Child account to \$257,153

**Ibendahl, G.**, and J. Anderson - PI. “Innovative Seed Cotton Handling Initiative-Part III.” \$15,000. Cotton Incorporated. 1/08 to 12/08.

Anderson, J.D. and **G. Ibendahl**. “Review of Crop Insurance Alternatives for Cotton Producers and Implications of the Proposed Standing Disaster Assistance Program.” \$8,000. Cotton Incorporated. 1/08 to 12/08.

**Ibendahl, G.**, C.W. Herndon, and D. Petrolia. “An Accounting Tradeoff Between WRP and Government Payments.” \$30,000. U.S. Fish and Wildlife Service (USFWS). 7/07 to 7/09.

**Ibendahl, G.**, and J. Anderson - PI. “Risk Adjusted Cotton Budgets - Part II.” \$6,000. Cotton Incorporated. 1/07 to 12/07.

**Ibendahl, G.**, and J. Anderson - PI. “Innovative Seed Cotton Handling Initiative-Part II.” \$15,000. Cotton Incorporated. 1/07 to 12/07.

**Ibendahl, G.**, and Hanson, T. “Economic Evaluation of Risk to Catfish Producers.” \$90,000 (our part). Part of a NIOSH project at University of Kentucky. 9/06 to 9/11.

Anderson, J.D., C.W. Herndon, T. Hanson, G.A. Ibendahl. “Addressing Risk Management Education Priorities for Mississippi’s Independent Livestock Producers.” \$54,126. USDA-RMA. 7/06.

Grado, S., M. Measells, D. Jones, and **G. Ibendahl**. “Wildlife and Fisheries Economic Enterprises: Economic Impacts of the Great River Birding Trail in Mississippi.” \$134,953. U.S. Fish and Wildlife Service (USFWS). 1/06 to 1/09.

Grado, S., **G. Ibendahl**, D. Jones, and C. Sun. “Investigate the potential liability and sustainability issues associated with wildlife and fisheries-based economic enterprises.” \$139,824. U.S. Fish and Wildlife Service (USFWS). 1/06 to 1/09.

**Ibendahl, G.**, and J. Anderson - PI. “Economic Evaluation of Cotton Harvesters.” \$12,000. Cotton Incorporated. 1/06 to 12/06.

**Ibendahl, G.**, and J. Anderson - PI. “Risk Adjusted Cotton Budgets.” \$6,000. Cotton Incorporated. 1/06 to 12/06.

**Ibendahl, G.**, C. Herndon, J. Anderson, and D. Jones. “The Economics of Wildlife-Based Alternative Enterprises: Extension Component.” \$87,962. U.S. Fish and Wildlife Service (USFWS). 1/06 to 1/09.

**Ibendahl, G.**, J. Anderson, C. Forest, J. Westra, K. Guidry, and T. Windham - Co-PI. “Risk Management Training for Absentee Landowners.” \$45,000. USDA, Southern Region Risk Management Education Center. 9/05 to 9/07.



- Ibendahl, G.**, and J. Anderson - PI. "Analyzing Financial Statements for Cotton Producers - Part 2." \$6,000. Cotton Incorporated. 1/05 to 12/05.
- Forrest, C., **G. Ibendahl**, and J. Anderson - PI. "Using Representative Farms to Develop Risk Management Plans for Cattle, Poultry and Timber Farms." \$15,798. USDA, Southern Region Risk Management Education Center. 6/04 to 5/05.
- Hanson, T., J. Anderson, and **G. Ibendahl** - PI. "Reducing Risks for Mississippi Catfish Farmers." \$28,125. USDA, Southern Region Risk Management Education Center. 9/04 to 5/05.
- Ibendahl, G.**, and J. Anderson - PI. "Analyzing Financial Statements for Cotton Producers." \$8,000. Cotton Incorporated. 8/04 to 12/04.
- Ibendahl, G.** - PI. "Economic Evaluation of Identity Preserved Grains." \$30,000. USDA. 5/03 to 5/06
- Ibendahl, G.**, S. Isaacs, and R. Trimble - Co-PI. "South-Central Lender Training Program." \$16,000. USDA, Southern Region Risk Management Education Center. 9/02 to 9/03.
- Falconer, L., D. Doye, G. Grover, **G. Ibendahl**, and G. Benson - Co-PI. "Southern Region Enterprise Budget Resources: Database, Training, and Educational Materials." \$46,448. USDA, Southern Region Risk Management Education Center. 9/02 to 9/03.
- Ibendahl, G.** and T. Woods - Co-PI. "Analyzing the Farm Profitability of Supplying Biomass." \$30,000. 5/02 to 11/02.
- Ibendahl, G.**, S. Isaacs, and R. Trimble - Co-PI. "Delivery and Development of Risk Management Programs to Help Kentucky Farmers Improve Their Risk Management Skills." \$15,000. USDA, Southern Region Risk Management Education Center. 12/01 to 5/02.
- Ibendahl, G.** - PI. "Analyzing the Profit and Risk Potential of New Crop Varieties." \$40,000. USDA. 7/00 to 7/02.
- Ibendahl, G.** - PI. "Analyzing the Profit and Risk Potential of New Crop Varieties – Part II." \$45,000. USDA. 6/01 to 5/04.
- Ibendahl, G.** - PI. "Analyzing the Profit and Risk Potential of New Crop Varieties – Part III." \$30,500. USDA. 4/02 to 4/05.
- Ibendahl, G.** and S. Isaacs - Co-PI. "Analyzing The Use of Cooperatives to Improve the Profitability and Risk Exposure of Kentucky Corn Growers - Part II." \$12,000. Kentucky Corn Growers Association. 2000. (Regionally competitive).
- Ibendahl, G.** and K. Zeuli - Co-PI. "Analyzing The Use of Cooperatives to Improve the Profitability and Risk Exposure of Kentucky Corn Growers." \$8,000. Kentucky Corn Growers Association. 1999.
- Dillon, C., S. Isaacs, R. Fleming, and **G. Ibendahl** - Collaborator. "An Economic Assessment of Precision Agriculture and Decision Aids," Subproject 6.4.1 of the proposal submitted by the Precision Agriculture Committee titled "Precision Agriculture: Development and Assessment of Integrated Practices for Kentucky Producers," Special Grant, 3 year project. \$48,000. 1999.

## RESEARCH

### Publications

#### • Refereed journal articles

- Ibendahl, G.** and T. Griffin. 2021. "Machinery Replacement Strategies." Journal of the American Society of Farm Managers and Rural Appraisers. P. 55-58.
- Ibendahl, G.** 2020. "Predicting Fertilizer Prices." Journal of the American Society of Farm Managers and Rural Appraisers. P. 171-176.
- Ibendahl, G.** 2019. "An Examination of Family Living and Non-Farm Income for Kansas Farms" Journal of the American Society of Farm Managers and Rural Appraisers.
- Carls, E., T. Griffin, **G. Ibendahl**, and E. Yeager. 2019. "Factors Affecting Net Farm Income for Row Crop Production in Kansas." Journal of the American Society of Farm Managers and Rural Appraisers.
- Doster, D. H., **G. Ibendahl**, N. Thompson, and T. Mark. 2019. "Surprise Moment Management." Journal of the American Society of Farm Managers and Rural Appraisers.
- Ibendahl, G.** 2020 (forthcoming). "Predicting Fertilizer Prices." Journal of the American Society of Farm Managers and Rural Appraisers.
- Levi A. Russell, Dallas W. Wood, **Gregory A. Ibendahl** & Michael R. Langemeier (2018) The effect of the 2007 ethanol mandate on downside risk in agriculture: evidence from Kansas farmers, Applied Economics Letters, DOI: 10.1080/13504851.2018.1489495
- Stabel, J., Griffin, T.W., and **Ibendahl, G.** 2018. Do Profitable Farms Remain Profitable? Markov Switching Models Applied to Transition Probabilities. Journal of Applied Farm Economics, 2(1):23-31 <https://docs.lib.purdue.edu/jafe/>
- Griffin, T.W., T.B. Mark, S. Ferrell, T. Janzen, **G. Ibendahl**, J. D. Bennett, J.L. Maurer, and A. Shanoyan. 2016. "Big Data Considerations for Rural Property Professionals." Journal of American Society of Farm Managers and Rural Appraisers. pp 167-180. <http://www.asfmra.org/wp-content/uploads/2016/06/441-Griffin.pdf>
- Ibendahl, G.** 2016. "Using Solvency Ratios to Predict Future Profitability." Journal of American Society of Farm Managers and Rural Appraisers. pp 195-201. <http://www.asfmra.org/wp-content/uploads/2016/06/443-Ibendahl.pdf>
- Griffin, T.W., **Ibendahl, G.**, and Mark, T.B. 2015. How Spatially Clustered are State-level Farmland Values? Journal of American Society of Farm Managers and Rural Appraisers. pp 103-112  
[http://www.asfmra.org/wp-content/uploads/2015/05/423\\_Griffin\\_final.pdf](http://www.asfmra.org/wp-content/uploads/2015/05/423_Griffin_final.pdf)
- Ibendahl, G.** 2015. The Effects of Machinery Costs on Net Farm Income. Journal of American Society of Farm Managers and Rural Appraisers. pp 113-123.  
[http://www.asfmra.org/wp-content/uploads/2015/05/424\\_Ibendahl\\_final.pdf](http://www.asfmra.org/wp-content/uploads/2015/05/424_Ibendahl_final.pdf)
- Ibendahl, G.**, M. Farrell, S. Spurlock, and J. Tack (2014). "Optimal Replacement Age of a Conventional Cotton Harvester System." Agricultural Finance Review. 74(1):2-16.
- Ibendahl, G.** and M. Langemeier (2014). "Characteristics That Help a Farm Achieve Long-term Viability." Journal of the American Society of Farm Managers and Rural Appraisers, 2014:240-250.

- Langemeier, M., and **G. Ibendahl** (2014). "Crop Machinery Benchmarks." *Journal of the American Society of Farm Managers and Rural Appraisers*, 2014:204-213.
- Wilson, B., B. Schurle, M. Taylor, A. Featherstone, and **G. Ibendahl** (2014). "Regression Estimates of Different Land Type Prices and Time Adjustments." *Journal of the American Society of Farm Managers and Rural Appraisers*, 2014:192-203.
- Myers, M., H. Cole, **G. Ibendahl**, W. Stephens, and S. Westneat. "Exposure Assessment of Tractor-Related Tasks Presenting Potential Overturn Hazards on Catfish Farms in Mississippi, USA." *Human and Ecological Risk Assessment: An International Journal*. 2013:19(4), pp. 959-971.
- Ibendahl, G.**, T. Griffin (2013). "The Connection Between Cash Rents and Land Values." *Journal of the ASFMRA*, 2013:239-247.
- Ibendahl, G.**, "Diesel Price Seasonality." *Journal of the American Society of Farm Managers and Rural Appraisers*. 2012:75, pp. 8-19.
- Ibendahl, G.**, W. Stephens, and M. Myers. "A Stochastic Analysis of Tractor Overturn Costs on Catfish Farms." *Journal of Agricultural Safety and Health*. 2012:18(4):285-92.
- Stephens, W.B., **Ibendahl, G.A.**, Myers, M.L. & Cole, H.P. (2010). Risk Analysis of Tractor Overturns on Catfish Farms. *Journal of Agromedicine*. 15(4), pp. 1-7.
- Ibendahl, G.**, "A Partial Budget Approach to Estimating Cash Rents." *Journal of the American Society of Farm Managers and Rural Appraisers*. 2010:230-234.
- Ibendahl, G.** and G. Halich, "How to Estimate Custom Machinery Rates." *Journal of the American Society of Farm Managers and Rural Appraisers*. 2010:254-258.
- Petrolia, D., and **Ibendahl, G. A.** (2008). Conservation Programs: Will Grain Producers Reclaim Acres in the South? *Journal of Agricultural and Applied Economics* 40,2(August 2008):559-572 .
- Ibendahl, G.**, and Fleming, R. A. (2007). Controlling aquifer nitrogen levels when fertilizing crops: A study of groundwater contamination and denitrification. *Ecological Modelling*, 205, 507-514.
- Featherstone, A., **G. Ibendahl**, J. Winter, and A. Spaulding. "Farm Financial Structure." *Agricultural Finance Review*. 65(2):97-117.
- Ibendahl, G.**, J. Anderson, and L. Anderson. "Deciding When to Replace an Open Beef Cow." *Agricultural Finance Review*. Volume 64, Number 1 (Spring 2004): 61-74.
- Ibendahl, G.** "Risk-Adjusted Comparison of Conservation Reserve Program Payments versus Production Payments for a Corn-Soybean Farmer." *Journal of Agricultural and Applied Economics*. Volume 36, Number 2 (August 2004):425-434. Invited paper for SAEA meetings. (see National and regional presentations).
- Ibendahl, G.**, L. Maynard, and A. Branstetter. "Measuring the Effectiveness of Training for the Dairy Option Pilot Program." *Journal of Extension*. December 2002, Volume 40, Number 6.
- Ibendahl, G.**, S. Isaacs, and R. Trimble. "Financial Information Base of Participants in FSA Borrower Training." *Journal of Extension*. October 2002, Volume 40, Number 5.
- DeVuyst, E. A., **G. Ibendahl**, and D. Lins. "Farm Transfers and Environmental Liability." *Journal of the American Society of Farm Managers and Rural Appraisers* 1998-99: 30-33.

- **Articles in review**

**Ibendahl, G.** “Helping Farmers Find the Minimum Cost Fertilizer Combination” revise and resubmit to Journal of Applied Farm Economics.

- **Popular press articles**

**Ibendahl, G.,** and G. Regier. 2017. “Machinery Lesson From the ‘80s Farm Crisis.” Progressive Forage, Issue 1, January 1, 2017. Pp 32 -33. <http://www.progressiveforage.com/forage-production/equipment/machinery-lessons-from-the-80s-farm-crisis>

**Ibendahl, G.** “Equipment cost analysis for forage-based farms.” Progressive Forage Grower, January 1, 2015, Issue 1, Page 19-21.

- **Research reports**

**Ibendahl, G.** and T. Griffin.. 2021. "Economic Model for Automated Cotton Harvest." Presentation at the Precision Cotton Researchers Working Group, Beltwide Cotton Conference, Virtual meeting, January 8, 2021.

**Ibendahl, G.** and T. Griffin.. 2020. "Update on Robotic Cotton Harvester Economic Model - Year 2." Presentation at the Precision Cotton Researchers Working Group, Beltwide Cotton Conference, Austin, TX, January 8-10, 2020.

Griffin, T., and **G. Ibendahl.** 2019. "Update on Robotic Cotton Harvester Economic Model." Presentation at the Precision Cotton Researchers Working Group, Beltwide Cotton Conference, New Orleans, LA, January 8-10, 2019.

**Ibendahl, G.** 2019. Report to NIFA on Third Year of Organic Crop Budgets. Summer 2019.

**Ibendahl, G.** 2018. Report to NIFA on Second Year of Organic Crop Budgets. Summer 2018.

**Ibendahl, G.** 2017. Report to NIFA on First Year of Organic Crop Budgets. Spring 2017.

**Ibendahl, G.** “Report on Wicks Cattle Operation”. Expert witness report to the Department of Justice. 2017.

**Ibendahl, G.** 2016. “Estimating the Profitability of Growing Irrigated Cotton in Kansas: Report for the second year of the two-year project.” Report to the Kansas Cotton Association.

Lazarus, W., **G. Ibendahl,** S. Klose, M. Langemeier, M. Salassi, N. Smith, C. Wolf, and K. Zering. 2016. “USDA Commodity Costs and Returns (CAR) and Monthly Milk Cost-of-Production (COP): A 2016 Data Product Review and Proposals for Change.” University of Minnesota Staff Paper P16-4. September 2016. [http://ageconsearch.umn.edu/bitstream/245164/2/Staff\\_paper\\_091016clean.pdf](http://ageconsearch.umn.edu/bitstream/245164/2/Staff_paper_091016clean.pdf)

**Ibendahl, G.** 2015. “Estimating the Profitability of Growing Irrigated Cotton in Kansas: Report for the first year of the two-year project.” Report to the Kansas Cotton Association.

## Meetings and Presentations

### • International presentations

- Griffin, T., **G. Ibendahl**, E. Barnes, J. Devine, and T. Griffin. 2019. "Optimal Utilization of Autonomous Robotics for Cotton Harvest." Selected paper at 2019 ASABE Annual International Meeting, Boston, MA July 7-10, 2019.
- Griffin, T., E. Yeager, and **G. Ibendahl**. 2019. "Adoption of Precision Agriculture Technology." Selected paper at the 22nd International Farm Management Congress, Grand Chancellor Hotel, Launceston, Tasmania, Australia. March 3-8, 2019.
- Ibendahl, G.** 2019. "Using the Financial Ratios ROA and ROE to Predict Farm Loan Deficiency Rates." Selected paper at the 22nd International Farm Management Congress, Grand Chancellor Hotel, Launceston, Tasmania, Australia. March 3-8, 2019.
- Ibendahl, G.,** 2017. "Estimating the Most Efficient Farm Size for Crop Producers." International Farm Management Association Congress, Edinburgh Scotland, 7/12 to 7/17/17.
- Griffin, T.W., **G. Ibendahl**, T. Mark, A. Sharda, I. Ciampitti, K. Herbel. 2015. Academic paper (peer reviewed). "Harvest Equipment Capacity Selection Considering Weather Uncertainty in Kansas." International Farm Management Association Annual Congress. Quebec City, Quebec, Canada. July 13-17, 2015.
- Ibendahl, G.** and Griffin, T.W. 2015. Academic paper (peer reviewed). "An Examination of Machinery Costs and Machinery Investment in Kansas." International Farm Management Association Annual Congress. Quebec City, Quebec, Canada. July 13-17, 2015.
- Ibendahl, G.,** 2015. "An Analysis of Risk as a Farm Expands." Selected paper at the Fourth International Agricultural Risk, Finance, and Insurance Conference. June 7-9, 2015, Washington D. C.
- Ibendahl, G.** 2013 Academic paper (peer reviewed). "Are the Most Profitable Farms Consistently the Most Profitable." International Farm Managers Association 19th Congress in Warsaw, Poland. July 2013.
- Ibendahl, G.** and W. Stephens. 2011 Academic paper (peer reviewed). "A Stochastic Analysis Of Tractor Overturn Costs On Catfish Farms ." International Farm Managers Association 18th Congress in Christchurch, New Zealand. March 2011.
- Ibendahl, G.** 2009 Selected Poster. "Predicting Fertilizer Prices." International Farm Managers Association 17th Congress in Bloomington, Illinois. July 2009.
- Ibendahl, G.** 2009 Academic paper (peer reviewed). "The Profitability of Leasing." International Farm Managers Association 17th Congress in Bloomington, Illinois. July 2009.
- Ibendahl, G.,** and J. Anderson. 2007 Academic paper (peer reviewed). "Determining Labor Efficiency of U.S. Row Crop Production." International Farm Managers Association 16th Congress in Cork, Ireland. July 2007
- Ibendahl, G.** 2003. "An Analysis of Risk for Young Beginning Farmers." International Farm Management Association meetings. Perth, Australia. August 2003.
- Ibendahl, G.** 2002 "How Will New Farmers Control Farmland." International Farm Management Association meetings. The Netherlands. July 7-12, 2002.

**Ibendahl, G.**, and K. Zeuli. 2000. "The Marketing Risks of Special Purpose Soybeans: A Farm Level Perspective." Soy2000 8th Biennial Conference of the Molecular and Cellular Biology of the Soybean. Lexington, KY. August 13-16, 2000.

- **National and regional presentations**

**Ibendahl, G.** 2021. "Forecasting Net Farm Income Based on Historical Farm Data and Future Prices." Selected Paper, AAEA & WAEA Joint Annual Meeting, Austin, TX. August 1-3, 2021.

O'Brien, D. and **G. Ibendahl.** 2021. "Crop Budget and Lease Evaluation Tool for Extension Educators." 2021 Extension Risk Management Education (ERME) national conference, 3/24/21.

Griffin, T., L. Traywick, E. Yeager, and **G. Ibendahl.** 2021. "OK Boomer! Developing Extension Programming for Millennial Farm Operators." 2021 Extension Risk Management Education (ERME) national conference, 3/25/21.

Griffin, T., and **G. Ibendahl.** 2020. "Optimal Autonomous Robotic Harvest Systems for Cotton: Parameterizing a Whole-Farm Linear Programming Model." Selected Paper, Beltwide Cotton Conference, Austin, TX, January 8-10, 2020.

**Ibendahl, G.** and T. Griffin.. 2020. "Dynamic Modeling of a Conventional and Robotic Harvester System." Selected Paper, Beltwide Cotton Conference, Austin, TX, January 8-10, 2020.

Barnes E., G. Morgan, K. Hake, J. Devine, R. Kurtz, T. Griffin, **G. Ibendahl**, A. Sharda, K. Good-luck Fue, G. Rains, J. Maja, M. Bruce, J. Thomasson, J. Griffin, E. Kimura, H. Gharakhani, B. Ayre, S. Young, and M. Pelletier. 2020. "Current and Potential Robotic Applications to Improve Cotton Production." Selected Paper, Beltwide Cotton Conference, Austin, TX, January 8-10, 2020.

**Ibendahl, G.** 2020 (Accepted but Covid cancellation). "Building a Policy Model from Farm Management Data." Selected Paper, WAEA Annual Meeting, Santa Fe, NM June 28-30, 2020.

**Ibendahl, G.** 2020. "Does Owning Greater Than Average Amounts of Equipment Affect Profitability." SAEA Annual Meeting, Louisville, KY February 2-4, 2020.

**Ibendahl, G.**, and T. Griffin. 2019. "What Makes a Top Farmer?." Selected paper at 2019 NFBM Conference, Sheboygan, WI, June 9-13, 2019.

**Ibendahl, G.** 2019. "Predicting Fertilizer Prices." Selected paper at 2019 WAEA meeting, Coeur d'Alene, ID, June 30 – July 2, 2019.

Griffin, T., and **G. Ibendahl.** 2019. "Optimal Robotic Utilization for Cotton Production." Selected paper, Beltwide Cotton Conference, New Orleans, LA, January 8-10, 2019.

Barnes, E., K. Hake, T. Griffin, G. Rains, J. Mari, J. Thomasson, J. Griffin, M. Pelletier, M. Bruce, K. Fue, E. Kimura, G. Morgan, J. Devine, **G. Ibendahl**, and B. Ayre. 2019. "Initial Possibilities for Robotic Cotton Harvest." Selected paper, Beltwide Cotton Conference, New Orleans, LA, January 8-10, 2019.

**Ibendahl, G.** 2019. "Teaching with Quantrix – an Example of a Farm Simulation Game for Students." Selected paper at Quantrix Demsion 2019 User Conference, Portland, ME, October 1-3, 2019.

- Ibendahl, G.**, and T. Griffin. 2018. "A Comparison of Yield Variability at the Farm, County, and Crop Reporting District Level." SAEA meetings, Jacksonville, FL, 2/3 to 2/6/18.
- Carls, E., T. Griffin, and **G. Ibendahl**. 2018. "Farm Management Implications of Transitioning from Conventional to Organic Production: An Application of Whole-farm Linear Programming Model to Examine Transition Period." SAEA meetings, Jacksonville, FL, 2/3 to 2/6/18.
- Ajewole, K., T. Griffin, and **G. Ibendahl**. 2018. "Long Run Impact of Rural Household Income on Family Living Expenses." SAEA meetings, Jacksonville, FL, 2/3 to 2/6/18.
- Griffin, T. and **G. Ibendahl**. 2018. "Autonomous Robotics and Swarm Bots Economics." Beltwide Cotton Conference, San Antonio, TX, 1/3 to 1/5/18.
- Ibendahl G., and T. Griffin. 2018. "Estimating the Profitability of Growing Irrigated Cotton in Kansas." Selected Paper. Beltwide Cotton Conference, San Antonio, TX, 1/3 to 1/5/18
- Carls, E., T. Griffin, **G. Ibendahl**, and E. Yeager. 2018. "Transition from Conventional to Organic Production." WAEA meetings, Anchorage, AL, 6/24 – 6/26/18.
- Ibendahl, G.** 2018. "Family Living in the KFMA Database." Presentation at the NCFMC Spring Meeting, Ames, May 16-18, 2018.
- Cullop, J., **Ibendahl, G.**, Shockley, J., Barnes, E., Devine, J., & Griffin, T.W. 2018. Economics of Swarm Bot Profitability for Cotton Harvesting. In Proceedings of the 14th International Conference on Precision Agriculture (unpaginated, online). Monticello, IL: International Society of Precision Agriculture.
- Ibendahl, G.** 2017. "The Use of a Farm Simulation Game to Enhance Student Learning." SAEA meetings, Mobile, AL, 2/4 to 2/7/17
- Taylor, M., A. Featherstone, A. Barnaby, R. Reid, D. Pendell, **G. Ibendahl**, M Vandever, G. Hadley, K Herbel. 2017. "Strategies for Navigating Worsening Conditions in the Farm and Ranch Economy: Overview of Kansas Farm Management Workshops." Extension track session of "Extension's Response to Farm Financial Stress." 2017 AAEA meetings, Chicago, IL, 7/30 to 8/1/17.
- Ibendahl, G.**, 2017. "Estimating the Most Efficient Farm Size for Crop Producers." International Farm Management Association Congress, Edinburgh Scotland, 7/12 to 7/17/17.
- Griffin, T.W., **Ibendahl, G.**, and Stabel, J. 2016. "Do Profitable Farms Remain Profitable? Markov Switching Models Applied to Transition Probabilities." Selected paper Southern Agricultural Economics Association Annual Meeting San Antonio, Texas, February 6-9, 2016 at the Hyatt Regency, San Antonio, TX.
- Ibendahl, G.** and Griffin, T.W. 2016. "An examination of how machinery investments affect farm profitability and risk." NACC & NC-1177 Joint Meeting. Federal Reserve Bank of Kansas City – Denver Branch, Denver, CO. October 3-4, 2016
- Griffin, T.W. Kevin Herbel, **Gregg Ibendahl**, Ajay Sharda, Ignacio Ciampitti, Brian McCornack. 2016. "Adoption and Utilization of Precision Agricultural Technology Impacts on Whole-farm Performance." National Farm Management Conference, Sioux Falls, SD June 2016.
- Russell, L., M. Langemeier, J. Biermacher, and **G. Ibendahl**. 2016. "The Ethanol Mandate and Downside Risk in Agriculture." Selected Paper at AAEA Annual Meeting, Boston, MA 7/31 to 8/2/16.

- Griffin, T.W., A. Sharda, T.B. Mark, **G. Ibendahl**, M. Buschermohle, E. Barnes. 2015. Optimal Cotton Acreage Allocation for Machinery Complements under Weather Uncertainty. Annual International Meeting of the American Society of Agricultural and Biological Engineers. New Orleans, Louisiana July 26 – 29, 2015 Session 234 - Machinery Systems for Crop Production Control ID number 2185015.
- Griffin, T.W., **Ibendahl, G.**, and Stabel, J. 2016. “Do Profitable Farms Remain Profitable? Markov Switching Models Applied to Transition Probabilities.” Selected paper for SAEA Annual Conference 2016. Status: in preparation
- Ibendahl, G.**, 2015. “The Profitability of Growing Cotton in a Cotton Fringe State.” Selected paper for 2015 Beltwide Cotton Conference. January 5-7, 2015, San Antonio, TX.
- Ibendahl, G.** 2015. “Crop Insurance in Kansas: a Historical Perspective of Costs and Returns.” Part of organized symposium, “Role of Crop Insurance on Agricultural Safety Net, Net Returns, and Land Values” at the SAEA meetings, February 1-4, 2015 at Atlanta, GA.
- Ibendahl, G.**, 2015. Selected Paper. “The Use of Solvency Ratios to Predict Long-Term Profitability.” NC-1177 Agricultural and Rural Finance Markets in Transition, Chicago, IL. October 2015.
- Ibendahl, G.** 2014 Selected Paper. “Characteristics That Make a Farm Consistently Profitable.” Southern Agricultural Economics Meetings in Dallas, TX, 2/1 – 2/4/14.
- Ibendahl, G.** 2014 Organized Symposium. “Risk Management Training for Beginning Farmers and Ranchers.” Part of “Three Case Studies on Innovative Risk Management Extension Programming.” Organizer: Scott Fausti. AAEA Annual Meeting in Minneapolis, MN, 7/27-29, 2014.
- Ibendahl, G.** 2014 Selected Paper. “Evaluating How Machinery Costs Affect Net Farm Income.” NC-1177 Agricultural and Rural Finance Markets in Transition, Kansas City, MO. October 2014.
- Ibendahl, G.** 2013 Selected Paper. “Characteristics of Successful Long Term-Term Farms.” NC-1177 Agricultural and Rural Finance Markets in Transition, Kansas City, MO. October 2013.
- Ibendahl, G.** 2013 Organized Symposium. “Risk Modeling for Extension Economists,” Organizer – Gregory Ibendahl. “Spreadsheet Modeling Techniques – Historical data,” Presenter – Gregory Ibendahl. AAEA Annual Meeting, August 4-6, 2013.
- Zulauf, C., V. Demircan, G. Schnitkey, A. Barnaby, **G. Ibendahl**, and K. Herbel. 2013 Selected Paper. “Examining Contemporaneous Farm and County Losses Using Farm Level Data.” Agricultural & Applied Economics Association’s 2013 Crop Insurance and the Farm Bill Symposium, Louisville, KY, October 8- 9, 2013.
- Ibendahl, G.** 2013 Selected Paper. “Estimating the Effects on Farm Profitability During a Drought.” National Association of Farm Business Analysis Specialists (NAFBAS) annual meeting. Overland Park, KS, June 9-13, 2013.
- Ibendahl, G.** 2014 Selected Paper. “Characteristics That Make a Farm Consistently Profitable.” Southern Agricultural Economics Meetings in Dallas, TX, 2/1 – 2/4/14.
- Ibendahl, G.** 2012 Selected Paper. “An Evaluation of Cotton Cost of Production in the Mid-South” Beltwide Cotton Conference annual meeting. Orlando, FL. January 3-6, 2012.



- Ibendahl, G.** and T. Griffin. 2012 Selected Paper. “The Connection Between Cash Rents and Land Values.” Southern Agricultural Economics Association annual meeting. Mobile, AL. February 4-7, 2012.
- Yates, J., and J. Smith, organizers. “Using Smart Phone and Tablet Technology to Enhance Extension Programs.” Smith, J., L Falconer, J. Springer, and **G. Ibendahl**, participants. Organized symposium at 2012 Southern Agricultural Economics Association annual meeting. Mobile, AL. February 4-7, 2012.
- Ibendahl, G.**, and E. DeVuyst. “A Prototype Teaching Unit about Risk and Farm Business Management.” Presentation at the National Association of Agricultural Educators. November 17, 2011.
- Griffin, T., and **G. Ibendahl**. “Mid-South Farmland Values and Rents.” Summer meeting of the Mid-South Chapter of the ASFMRA. July 27-29, 2011.
- Ibendahl, G.** 2011 Selected Poster. “Estimating the Change in Total Production Expenses For The Major Row Crops as Fuel Prices Change” Agricultural and Applied Economics Association annual meeting. Pittsburgh, PA. July 24-26, 2011.
- Myers, M., H. Cole, S. Westneat, W. Stephens, and **G. Ibendahl**. Selected Paper. “Tractor Exposure Assessment on Catfish Farms in Mississippi” 2011 National Symposium on Agriculture, Forestry and Fishing Safety and Health. Boise, Idaho. June 26-30, 2011.
- Ibendahl, G.** Selected Poster - “Adapting Budgets to Incorporate Risk” 2011 National Risk Education Conference. St. Louis, MO. April 12-13, 2011.
- Ibendahl, G.**, and M Farrell. 2011 Selected Poster. “A Stochastic Model for Estimating Harvest Days Each Week During the Fall” Southern Agricultural Economics Association annual meeting. Corpus Christi, TX. February 5-8, 2011.
- Ibendahl, G.** and K. Coble, organizers. “Risk Issues at the Interface of Extension & Research.” Organized symposium at 2010 AAEA annual meeting. Denver, CO. July 25-27, 2010.
- Ibendahl, G.** Selected paper - “The Mississippi State Budget Generator” National Farm Business Management Conference. Fargo, ND. June 13-17, 2010.
- Ibendahl, G.**, “Evaluating Financial Risks of Beginning Women Farmers” 2010 National Women in Agriculture Educators Conference. Baltimore, MD. March 24-25, 2010.
- Farrell, M., and **G. Ibendahl**. 2010 Selected Paper. “Calculating Cost Savings per Acre When Harvest Days are Stochastic” Southern Agricultural Economics Association annual meeting. Orlando, FL. February 6-9, 2010.
- Ibendahl, G.**, 2010 Selected Poster. “Analyzing the Timing of Fuel Purchases by Farmers.” Southern Agricultural Economics Association annual meeting. Orlando, FL. February 6-9, 2010.
- Ibendahl, G.**, H. Willcutt, and S. Spurlock. “Costs and Returns of Using On-Board Module Building Harvesters with Skip-Row Cotton.” 2010 Beltwide Cotton Conference - Selected paper. New Orleans, LA January 4-7, 2010.
- Ibendahl, G.**, J. Anderson, M. Diersen, and P. Rosson. 2009 Organized symposium. Organizer - **G. Ibendahl**, Moderator - L. Sanders. “Agriculture in Transition: The Impacts of a World Financial Crisis and Other Policy Changes.” American Agricultural Economics Association annual meeting. Milwaukee, WI. July 26-28, 2009.
- Stephens, W., and **G. Ibendahl**. “Importance of Aquaculture Safety Implementation.” National Institute of Farm Safety annual meeting. New Orleans, LA. June 14 - 18, 2009.

- Farrell, M. and **G. Ibendahl**. “Economic Evaluation of New Cotton Harvesters.” Poster and presentations at Cotton Ginning Show. February 2009, Memphis, TN.
- Ibendahl, G.** Selected Poster - “Evaluating Risks When Leasing Land” 2009 National Risk Education Conference. Reno, NV. March 31 - April 1, 2009.
- “Budgets for Free!” Organized Symposium at Southern Agricultural Economics Association annual meeting. Atlanta, GA. January 31 - February 3, 2009. **G. Ibendahl** - moderator.
- Ibendahl, G.,** J. Anderson, and M. Farrell. 2009 Selected Paper. “Estimating Cotton Harvest Cost per Acre When Harvest Days Are Stochastic.” Southern Agricultural Economics Association annual meeting. Atlanta, GA. January 31 - February 3, 2009.
- Ibendahl, G.,** J. Anderson, and M. Farrell. “Evaluation of the On-board Module Building Cotton Harvest Systems.” Presentation at the Engineered Fiber Selection System Conference (EFS), Memphis, TN. June 11, 2008.
- Ibendahl, G.,** Selected Poster. “An Analysis of the Role of Women in Farmland Leasing.” 2008 National Women in Agriculture Conference. Oklahoma City, OK. March 31 - April 2, 2008.
- Ibendahl, G.,** and J. Anderson. “Risk-Adjusted Crop Budgets.” Selected paper at SCC-76, Economics and Management of Risk in Agriculture. Gulf Shores, AL. March 2008.
- Ibendahl, G.,** K. Guidry, J. Westra, and R Hogan. 2008 Poster. “An Analysis of Why a Share Lease or a Cash Lease is Used for Farmland Rental.” Southern Agricultural Economics Association annual meeting. Dallas, TX. February 3-5, 2008.
- Ibendahl, G.,** B. Herndon, K. Coble, and D. Petrolia. 2008 Selected Paper. “An Accounting Tradeoff Between WRP and Government Payments.” Southern Agricultural Economics Association annual meeting. Dallas, TX. February 3-5, 2008.
- Petrolia, D., and **G. Ibendahl**. 2008 Invited Paper. “Conservation Programs: Will Grain Producers Reclaim Acres in the South?” Southern Agricultural Economics Association annual meeting. Dallas, TX. February 3-5, 2008.
- Ibendahl, G.** 2007 Poster. “Predicting Fertilizer Costs.” Southern Agricultural Economics Association annual meeting. Mobile, AL. February 4-6, 2007
- Ibendahl, G.,** “Developing a Simulation Game to Help Farmers Learn About Risk Management Strategies.” 2007 National Extension Risk Management Education Conference. Phoenix, AZ. April 17-18, 2007.
- Ibendahl, G.,** and J. Norvell. 2007 Selected paper. “When to Replace Machinery Under Accelerated Depreciation Laws.” Southern Agricultural Economics Association annual meeting. Mobile, AL. February 4-6, 2007.
- Herndon, C., J. Lee, K. Coble, **G. Ibendahl**, and J. Novak. 2007 Organized symposium. Organizers J. Anderson, C. Herndon, and **G. Ibendahl**. “Role of University Agricultural Economists in Developing and Supporting Agricultural Policy.” Southern Agricultural Economics Association annual meeting. Mobile, AL. February 4-6, 2007.
- Thompson, W., J. Anderson, **G. Ibendahl**. 2007 Selected paper. “The Impacts of GM Seed Technology on Cotton Cost of Production in Mississippi, 1996-2004” Southern Agricultural Economics Association annual meeting. Mobile, AL. February 4-6, 2007.
- Ibendahl, G.,** J. Anderson, P. Ellinger, G. Schnitkey, and C. Herndon. 2006. Organized Symposium. “Issues for the 2007 Farmbill.” American Agricultural Economics Association annual meeting. Longbeach, CA. 2006.

- Ibendahl, G.** and T. Hanson. 2006 poster. "Reducing Risks for Mississippi Catfish Farmers." American Agricultural Economics Association annual meeting. Longbeach, CA. 2006.
- Ibendahl, G.** 2006 Selected paper. "An Analysis of Federal LandBank Borrowers." American Agricultural Economics Association annual meeting. Longbeach, CA. 2006.
- Thompson, W., J. Anderson, **G. Ibendahl**, and D. Laughlin. 2006 Selected paper. "The Effects of Changing Technology: The Impacts of a Changing Cost Structure on Land Tenure Arrangements in the Mississippi Delta, 1996 - 2004." American Agricultural Economics Association annual meeting. Longbeach, CA. 2006.
- Ibendahl, G.** 2006 Poster. "An Examination of Environmental Liability Costs to Landowners." Southern Agricultural Economics Association annual meeting. Orlando, FL. February 5-8, 2006.
- Anderson, J., C. Herndon, and **G. Ibendahl**. 2006. "Estimating Economic Losses Incurred by Agriculture from Natural Disasters." Organized symposium at Southern Agricultural Economics Association annual meeting. Orlando, FL. February 5-8, 2006.
- Ibendahl, G.,** D. Doye, R. Craven, D. Griffith and S. Isaacs. 2005. "Enhancing Delivery and Availability of Farm Management Information." Organized symposium at American Agricultural Economics Association annual meeting - **G. Ibendahl**, organizer. Providence, RI. July 24-27, 2005.
- Ibendahl, G.,** and J. Norvell. 2005. "When to Replace Machinery Under Accelerated Depreciation Laws." American Agricultural Economics Association annual meeting. Providence, RI. July 24-27, 2005.
- Ibendahl, G.,** C Forrest, and K. Kimbrough. Poster. "Analyzing and Benchmarking Farmer Records." 2005 Extension Risk Management Education Conference, Kansas City, MO. April 7-8, 2005.
- Hanson, T, J. Avery, J. Anderson, and **G. Ibendahl**. 2005 Selected paper. "Risk Management Training Opportunities Resulting from TAA for Catfish." 2005 Extension Risk Management Education Conference, Kansas City, MO. April 7-8, 2005.
- Ibendahl, G.** 2004. "Situation and Outlook for Agricultural Inputs." Southern Region Agricultural Outlook Conference. Atlanta, GA. September 27-29, 2004.
- Ibendahl, G.** 2004. "U.S. Farm Profitability Outlook." Southern Region Agricultural Outlook Conference. Atlanta, GA. September 27-29, 2004.
- Ibendahl, G.,** and J. Anderson. 2004. "Replacing Assets Under Accelerated Depreciation Laws." American Agricultural Economics Association annual meeting. Denver, CO. August 1-4, 2004.
- Ibendahl, G.** 2004. "Comparing the 1996 and 2002 Farm Bills." Western Agricultural Economics Association annual meeting. Honolulu, HI. June 30 - July 2, 2004.
- Ibendahl, G.** 2004. "Southern Region - Past and Present." Triennial Farm Management Conference (Paper part of "Future of Farm Management Education session). Lexington, KY. June 14-16, 2004.
- Ibendahl, G.** 2004. "A Risk-Adjusted Comparison of Conservation Reserve Program Payments versus Production Payments for a Corn-Soybean Farmer." Southern Agricultural Economics Association annual meeting. Tulsa, OK. February 15-18, 2004. (see Publications).

- Ibendahl, G.** 2003. "Calculating the Cost to Farmers of Choosing the Wrong Farmbill Option." American Agricultural Economics Association annual meeting. Montreal, Canada. July 27-30, 2003.
- Ibendahl, G.,** J. Anderson, K. Zeuli, and J. Novak. 2003. "Macro Effects of the 2002 Farm Bill." Organized symposium at Southern Agricultural Economics Association annual meeting - **G. Ibendahl**, organizer. Mobile, AL. February 2-5, 2003.
- Ibendahl, G.,** and R. Fleming 2002. "Using Economic Value Added (EVA) to Examine Farm Businesses." Southern Agricultural Economics Association annual meeting. Mobile, AL. February 2-5, 2003.
- Ibendahl, G.,** and R. Fleming 2002. "What Should Farmers Pay for Cash Rents." Southern Agricultural Economics Association annual meeting. Mobile, AL. February 2-5, 2003.
- Ibendahl, G.,** and K. Zeuli 2002. "Analyzing the Marketing of Specialty Grain with a Dynamic Game of Incomplete Information." Southern Agricultural Economics Association annual meeting. Orlando, FL. Jan 29-31, 2002.
- Green, D., **G. Ibendahl** and K. Zeuli 2002. "An Interactive Spreadsheet Tool for Use in Crop Planting Decisions." Southern Agricultural Economics Association annual meeting. Orlando, FL. Jan 29-31, 2002.
- Maynard, L., **G. Ibendahl**, and A. Branstetter 2002. "USDA's Dairy Option Pilot Program (DOPP): Training Evaluation and Commentary." Southern Agricultural Economics Association annual meeting. Orlando, FL. Jan 29-31, 2002.
- Ibendahl, G.,** D. Doye, R. Craven, and W. Edwards. 2001. "Using Farm Analysis Software for Planning and Education." Organized symposium at American Agricultural Economics Association annual meeting - **G. Ibendahl**, organizer. Chicago, IL. August 5-8, 2001.
- Ibendahl, G.,** and J. Anderson. 2001. "Open Cow Replacement Decisions: An Application of Asset Replacement Theory." Western Agricultural Economics Association annual meeting. Logan, UT. July 8-11, 2001.
- Green, D., K. Zeuli, and **G. Ibendahl**. 2001. "A Farm-Level Analysis of Special Purpose Crop Production." Southern Agricultural Economics Association annual meeting. Fort Worth, TX. Jan 22-31, 2001.
- Ibendahl, G.,** S. Isaacs, and R. Trimble. 2000. "Determining Farmers Ability to Pay Cash Rental Rates." American Agricultural Economics Association annual meeting. Tampa, FL. July 30-August 2, 2000.
- Novak, J., **G. Ibendahl**, D. Lattz, E. Smith, and A. Essel. 2000. "Impact of Farm Program Payments Under FAIR and Implications for a New Farm Bill." Organized symposium at American Agricultural Economics Association annual meeting. Tampa, FL. July 30-August 2, 2000.
- Burdine, K., **G. Ibendahl**, J. Anderson, J. Johns, and L. Anderson. 2000. "Decision Model to Aid in the Retain/Replace decision for Open Breeding Stock for Beef Cattle Producers." American Dairy Science Association (ADSA) - American Society of Animal Science (ASAS) joint meeting. Baltimore, MD. July 24-28, 2000.
- Ibendahl, G.,** and R. Fleming. 2000. "Controlling Aquifer Nitrogen Levels when Fertilizing Crops." SERA-IEG-31 annual meeting. Gulf Shores, AL. March 23-25, 2000.
- Isaacs, S., **G. Ibendahl**, J. Jordan, G. Groover, G. Benson, and B. Mallory. "Responses to the Farm Family Financial Crisis." Organized symposium at Southern Agricultural Economics Association annual meeting. Lexington, KY. Jan 29-Feb 2, 1999.

- Ibendahl, G. A.** and S. Isaacs. 1999. "Using Land Equity to Provide a Retirement Income." American Agricultural Economics Association annual meeting. Nashville, TN. August 8-11, 1999.
- Ibendahl, G. A.**, E. A. DeVuyst, and D. Lins 1999. "The Impacts of Environmental Regulation on Borrower's Incentives to Default." Southern Agricultural Economics Association annual meeting. Memphis, TN. Jan 30-Feb 3, 1999.
- Wolff, R.L., O.R. Smith, **G.A. Ibendahl**, and M.U. Rahman. 1989. "Field Results of Air Assisted Spraying - Drift and Desiccation." American Society of Agricultural Engineers, 89(winter): 1520 (1989 International Winter Meeting, New Orleans, Louisiana, December 12-15, 1989).

## TEACHING AND ADVISING

### • Courses taught

AGEC 598 - "Farm Management Strategies" 2020 - 14 students  
AGEC 598 - "Farm Management Strategies" 2019 - 9 students  
AGEC 598 - "Farm Management Strategies" 2017 - 7 students  
AGEC 598 - "Farm Management Strategies" 2017 - 28 students  
AGEC 598 - "Farm Management Strategies" 2015 - 55 students  
AGEC 598 - "Farm Management Strategies" 2015 - 33 students  
AGEC 598 - "Farm Management Strategies" 2014 - 34 students.  
AEC 441G - "Agricultural Financial Management" 1998 to 2002 - 15 students each fall semester.  
AEC 4523 - "Farm Financial Management" 2006 to 2008 - 15 students each fall semester.  
AEC 4343 - "Advanced Farm Management" 2009 - 8 students, 2010 - 12 students, 2011 - 14 students.  
Distance learning segment (3 to 4 hours) - "Personal Finance." Fall 2002.

### • Advising -undergraduate

Spring 2000 - 4 advisees, Fall 2000 - 4 advisees, Spring 2001 - 6 advisees, Fall 2001 - 8 advisees, Spring 2002 - 8 advisees, Fall 2002 - 10 advisees, Spring 2003 - 10 advisees. 2006 - 7 advisees. 2007 - 8 advisees. 2008 - 8 advisees. 2009 - 7 advisees. 2010 - 7 advisees. 2011 - 7 advisees.

### • Advising -graduate

Co-Chair for Master student, Daniel Green (completed degree, Fall 2001).  
Co-Chair for Master student, Jennifer Hammond (completed degree, Spring 2003).  
Co-Chair for Master student Nathan Routt - starting Spring 2002.  
Committee member for Master student Charlie Robinette - Spring 2004.  
Committee member for Master student Michael Thompson - Spring 2004.  
Committee member for Ph.D. agronomy student - Spring 2009.  
Chair for Master student Matt Farrell (completed degree, Fall 2010).  
Chair for Master student Walt Stephens - MSU student.  
Committee member for Michael Hauger, MAB student, 2013-2014.  
Committee member for Beth Holmes, MAB student  
Casey Niemann (committee member) – MAB student, 2014.  
Matthew Krueger (Committee member) – MAB student, 2014.  
Maurer, Jacob (major professor). MAB. 2015 Agricultural Economics, Kansas State University, Manhattan, Kansas  
Thesis Title: The Development of a Conceptual Benchmarking Tool Representing Big Data and Agricultural Technology Adoption on the Farm.  
Bryan Meyers (committee member) – MAB student, graduated 2015.  
Noah Miller (committee member) – MS student  
Committee member for Corey Van Otegham, MAB student, 2017-2018.

Committee member for Brent Jaenisch in Agronomy, 2016-2018.  
Co-Chair for Master student, Heather Gibson - K-State student, graduate 2015.  
Co-Chair for Master student Emily Carls - K-State student, 2016-19.  
Committee member for Pierce Randall - MAB student, 2019

- **Teaching workshops attended**

“Teaching the E-Generation.” Morehead State University. April 19, 2002.  
“Fall 2001 Southern Regional Teaching Improvement Workshop. Theme: Survival to Prosperity in a Period of Change.” Auburn University. October 7-9, 2001.  
“Teaching Portfolio Workshop for the College of Agriculture.” September, 2001.  
“Second Annual Symposium of the Scholarship of Teaching: Ways of Knowing.” University of Kentucky. September 22-23, 2000.  
“Setting Instructional Goals and Outcomes Assessment Procedures for Instructional Progress.” Pre-conference workshop of AAEA meetings. Tampa, Florida. July 29, 2000.  
“Emotions in Teaching.” UK Friday seminar series. April 14, 2000.  
“Effective Peer Classroom Observation with Focused Feedback.” Sixth annual University of Kentucky Economics Teaching Workshop. April 8th, 2000.

- **Other**

Mentoring for the AEC Senior Seminar Class: Fall 1998 - 1 student, Fall 1999 - 1 student, Fall 2000 - 2 students, Fall 2001 - 4 students, Fall 2002 - 4 students.  
Agribusiness Club faculty advisor - Spring 2000 through Spring 2002.

## SERVICE AND RECOGNITION

### • Committees

NIFA review panel for organic grants - 2017 and 2018.  
Chair of the 2017 NACTA computer and agribusiness contests  
Chair of the K-State Agribusiness FFA contest - 2015 onward  
Chair, AAEA Extension section - 2015-16.  
Vice-chair, AAEA Extension section - 2014-15.  
ERS review panel for Commodity Costs and Returns, 2015.  
Governor's drought task force - 2013.  
Search committee for KFMA field economist - 2013, 2014.  
Search committee chair for KMAR Director of Programming - 2013.  
Editorial board for the Journal of the American Society of Farm Managers and Rural Appraisers. 2010 to present.  
Secretary/treasurer for Extension section of AAEA, 8/08 through 8/11.  
Departmental representative - Ag faculty senate, 2005, 2006, 2007.  
Southern Extension Farm Management Committee. 1999-2009. (Secretary in 2002, Vice-chair in 2003, Chair in 2004).  
Agricultural Economics - Departmental Social Committee. 1999, Chair in 2000, 2001 and 2002.  
Agricultural Economics - Undergraduate Committee. 1999-2000.  
Agricultural Economics - web committee, 2005, 2006, 2007.  
Agricultural Economics - computer committee, 2005, 2006, 2007.  
Agricultural Economics - Chair, seminar committee, 2005 through present.  
Agricultural Economics - Chair, search committee, 2006.  
Kiwanis Club - member at Dekalb, IL and Starkville, MS. Board member in 2007 and 2008.  
Trinity Baptist Church, Wamego Kansas - Trustee and member of counting committee.

### • Editorships

Chair of the editorial committee of the ASFMRA journal - 2017 onward.  
Vice Chair of ASFMRA editorial committee starting in 2014  
Editor of Economic and Policy Update, starting Fall 2000 through Fall 2003.  
Editor of Agricultural Economic and Policy Perspectives, 2004 through 2008.

### • Awards

Gold Quill award for 2016 J of ASFMRA.  
SAEA Distinguished Extension Program Award (with John Anderson for AEPP newsletter in 2004).  
Kentucky Association of State Extension Professionals, Outstanding Project Award. "Farm Bill Education." January 2003.



## CONSULTING

Expert witness. Land valuation and damages. 2010.  
Crop budgets. Cotton Inc. 2010, 2011, 2012, 2013.  
Seed valuation model. Context (Contextnet.com) 2011, 2012.  
Market valuation tool. Context (Contextnet.com) 2014-2015.  
Expert witness for Department of Justice, 2016-2018.