

**TWO-YEAR CIRICULUMN VITAE
2013/2014 Faculty Performance Review**

Kenneth H. Burdine

Assistant Extension Professor of Agricultural Economics, appointed July 1, 2012

DOE: 90% Extension, 10% Teaching

EXTENSION AND OUTREACH

Significant Programs and Activities

Master Marketer – Master Marketer is a new program funded by the Kentucky Beef Network. I developed this program with two colleagues (Greg Halich and Kevin Laurent) in response to requests from beef producers and agriculture extension agents at a strategic planning retreat at the Biltmore. The program consists of 5 sessions including (1) feeder cattle quality, price discovery, and sale day considerations, (2) using futures and options to manage price risk, (3) advanced futures and options strategies, (4) decision making for stocker operations, and a fifth session determined by the preferences of the group. By the end of 2014, Master Marketer will have been delivered in 10 multi-county locations reaching over 265 producers directly.

Other Beef IRM Programming – I continue to serve as one of the primary economists on the beef IRM team, working with several established and highly regarded programs that fill a large portion of my winter extension calendar. These include Master Cattleman, Advanced Master Cattleman, and Master Stocker where I offer programming in marketing and profitability for beef cattle producers.

General Market Outlook and Education – General marketing education is another key component of my extension program. This includes numerous county and regional extension programs, agent trainings, articles in the Economic and Policy Update, a monthly column in “Off-the-Hoof” and occasional articles in other publications such as Dairy Notes, Cow Country News, and numerous media outlets. I also incorporate profitability and risk management strategies as appropriate in the various locations and outlets.

Dairy Marketing, Risk Management, and Policy – While dairy economics and marketing have always been a component of my extension program, the new Margin Protection Program for Dairy (MPP-Dairy) in the 2014 Farm Bill presented an opportunity to increase my contribution Kentucky’s dairy industry. I have developed a program for MPP-Dairy that will be delivered in 5 farm bill sessions in Kentucky’s key dairy areas as well as a new extension publication to accompany the program.

Kentucky Agricultural Finance Corporation – I was honored in 2009 to be appointed by the governor to represent agricultural economists on the Kentucky Agricultural Finance Corporation Board of Directors. This board meets monthly and evaluates loan applications for the KAFRC. I was reappointed for another four year term in 2013. This experience has greatly benefited me as an extension economist.

Peer Reviewed Extension Publications

Dunnaway, Tarrah and Kenny Burdine. "Taking Advantage of a Strong Cattle Market." AEC 2014-17. September 2014. (New publication, original content)

Burdine, Kenny. "The Margin Protection Program for Dairy in the 2014 Farm Bill." AEC 2014-15. September 2014. (New publication, original content)

Halich, Greg, Kenny Burdine, and Jeff Lehmkuhler. "Valuing Corn Silage for Beef Cattle Feed 2014 Guide." AEC 2014-18. August 2014. (Major revision)

Halich, Greg, Ray Smith, and Kenny Burdine. "Profitability of Nitrogen Applications for Stockpiling Tall Fescue Pasture 2014 Guide. AEC 2014-14. July 2014. (Major Revision)

Halich, Greg, Kenny Burdine, and Jeff Lehmkuhler. "Valuing Corn Silage for Beef Cattle Feed 2013 Guide." AEC 2013-17. August 2013. (Major revision)

Burdine, Kenny and Greg Halich. "Using the Futures Market to Predict Prices and Calculate Breakevens for Feeder Cattle." AEC 2013-09. August 2013. (New publication, original content)

Halich, Greg, Ray Smith, and Kenny Burdine. "Profitability of Nitrogen Applications for Stockpiling Tall Fescue Pastures 2013 Guide." AEC 2013-15. July 2013. (Major revision)

Burdine, Kenny. "Using Futures Markets to Manage Price Risk for Feeder Cattle: Advanced Strategies." AEC 2013-03. March 2013. (New publication, original content)

Burdine, Kenny. "Using Futures Markets to Manage Price Risk for Feeder Cattle". AEC 2013-01. February 2013. (New publication, original content)

Other Publications

Kentucky Cattle Market Update. Monthly article in Off-the-Hoof newsletter. Approximately 20 articles in 2013 and 2014.

Dairy Market Update. Dairy Notes. 2 articles in 2013 and 2014.

Economic and Policy Update. Authored and / or co-authored 9 articles in 2013 and 2014. Topics include cattle market outlook, dairy prices and policy, equine sales and receipts, price insurance, budgeting, heifer development, etc.

Extension In-service Training

"Economic Subject Matter Training for County Agents." Louisville, KY. December 3, 2014.

"What You Need to Know about the MPP-Dairy Program." September , 2014. Lync Session.

"Economic Subject Matter Training for County Agents." Louisville, KY. December 4, 2013.

“Basic Beef Economics for County Agents.” June 10, 2013. Lync Session.

Selected Individual Extension Programs

Master Marketer Session I. “Using the Futures Market to Manage Price Risk for Feeder Cattle.” 10 sessions during 2013 and 2014.

Master Marketer Session II. “Advanced Futures and Options Strategies for Feeder Cattle.” 9 sessions during 2013 and 2014.

“The Economics of Herd Expansion.” Kentucky Beef Conference. October 30, 2014. Lexington, KY.

“Strategies for Repopulating the Beef Herd”. (With Steve Isaacs) Northeast Tennessee Beef Expo. October 9, 2014. Green County, TN.

“Beef Cattle Outlook.” Tri-State Beef Conference (TN, VA, and NC). Abingdon, VA. August 12, 2014.

“Market Outlook for Backgrounding and Stocker Operations”. Mid-South Stocker Conference. Paris Landing, TN. February 18, 2014.

“2013 Feeder Cattle Market Update and Outlook for 2014.” West Kentucky Beef Conference. Benton, KY. December 19, 2013.

“Marketing Strategies for 2013 / 2014.” Kentucky Stocker Conference. Lexington, KY. October 2, 2013.

“Livestock Markets for 2013”. Kentucky Young Farmer Leadership Conference. Louisville, KY. January 25, 2013.

Total Extension Presentations and Programs – During 2013 and 2014, I conducted a total of 115 county, regional, or other educational sessions / field days across the state of Kentucky. Topics include programs previously mentioned, as well as market outlook, forage management, general livestock management, budgeting, and many others.

APPLIED RESEARCH COMPLEMENTING EXTENSION PROGRAM

Applied Research Peer Reviewed Publications

Burdine, Kenneth H. and Greg Halich. “Payout Analysis of Livestock Risk Protection Insurance for Feeder Cattle.” *Journal of the American Society of Farm Managers and Rural Appraisers*. Summer 2014.

Burdine, Kenneth H., Leigh J. Maynard, Greg S. Halich, and Jeff Lehmkuhler. “Changing Market Dynamics and Value-added Premiums in Southeastern Feeder Cattle Markets.” *The Professional Animal Scientist*. June 2014.

Burdine, Kenneth H., Yoko Kusunose, Leigh J. Maynard, Don P. Blaney, and Roberto Mosheim. "Livestock Gross Margin-Dairy: An Assessment of its Effectiveness as a Risk Management Tool and its Potential to Induce Supply Expansion." *Journal of Agricultural and Applied Economics*. May 2014.

Burdine, Kenneth H., Roberto Mosheim, Don P. Blaney, and Leigh J. Maynard. "Livestock Gross Margin-Dairy Insurance: An Assessment of Risk Management and Potential Supply Impacts". Economic Research Report Number 163. March 2014.

Research Publications Currently Under Peer Review

Mark, Tyler B., Kenneth H. Burdine, and Greg Halich. "How Sensitive are the Frequencies and Magnitudes of Dairy MPP Indemnities." *Journal of Agribusiness*. Submitted August 2014.

Professional Presentations

Burdine, Kenneth H. "Beef Cattle Market Outlook". 2014 Meeting of the American Agricultural Economics Association. July 2014. Minneapolis, MN.

Burdine, Kenneth H., Tyler B. Mark, and Greg Halich. "Dairy Margin Protection Program: Of Value to Southern Dairies?" 2014 Southern Extension Committee Meeting. June 2014. Chattanooga, TN.

Halich, Greg and Kenneth H. Budine. "Feedlot vs. Pasture Impacts on Feeder and Stocker Cattle Prices. 2014 Meeting of the Southern Agricultural Economics Association. February 3, 2014.

Burdine, Kenny and Greg Halich. "LRP as a Price Risk Management Tool for Feeder Cattle." 2013 Southern Extension Committee Meetings. June 2013.

Burdine, Kenny, Leigh J. Maynard, and Greg Halich. "Factors Affecting Feeder Cattle Prices in the Southeast." Selected Paper Session. 2013 Meeting of the Southern Agricultural Economics Association. February 4, 2013. Orlando, FL.

Grants

Co-Principal Investigator. Mark, Tyler B. and Kenneth H. Burdine. "Assessing the Risk Management Impacts of the Dairy Producer Margin Protection Program: A Simulation Analysis." 2014. ERS Collaborative Agreement. \$25,000.

Principal Investigator. Burdine, Kenneth H., Greg Halich, and Les Anderson. 2013-2014. Master Marketer. Kentucky Beef Network. \$28,100

Co-Principal Investigator. Lehmkuhler, Jeff, Les Anderson, Darrh Bullock, and Kenny Burdine. 2013-2014.. Various UK Ag Programs. Kentucky Beef Network. \$174,160.

Co-Principal Investigator. Lehmkuhler, Jeff and Kenneth H. Burdine. 2011-2012. Master Stocker. Kentucky Beef Network. \$38,000.

TEACHING

Courses Taught

AEC 311 – Livestock and Meat Marketing. Fall 2014. 36 students enrolled (includes 1 student in AEC 580. Course currently being taught.

AEC 300 – Livestock Economics. Fall 2013. 34 students enrolled (includes 2 students in AEC 580). Overall value of course: 3.9, overall value of teaching 3.9.

AEC 311 – Livestock and Meat Marketing. Fall 2012. 41 students enrolled. Overall value of course: 3.9, overall quality of teaching: 3.9.

Graduate Committees

Major Professor for Dan Hardin. MS in Agricultural Economics.

Committee member for Tarrah Dunnaway. MS in Agricultural Economics. 2013.

Professional Development

Vice President. North Central Farm Management Committee. 2014.

Member. Southern Agricultural Economics Association. 2013-2014.

Member. American Agricultural Economics Association. 2014.

Extension Outlook Conference. August 2013 and 2014. Kansas City, Mo. and Indianapolis, IN.

American Association of Agricultural Economics. Minneapolis, MN. July 2014.

Secretary. North Central Farm Management Committee. 2013.

Service

Faculty Advisor. Alpha Gamma Rho Fraternity. 2011 to present.

College of Agriculture Managing in Tough Times Initiative. 2011 to present.

College of Agriculture Extension Fathering Working Group. 2010 to present.

Treasurer. Kentucky Forage and Grasslands Council. 2012 to present.

Board of Directors. Kentucky Agricultural Finance Corporation. 2009 to present.

EXTENSION PROGRAM NARRATIVE – KENNY BURDINE

Extension Program Highlights 2013-2014

- Development of Master Marketer Program– new 5 session program covers a wide range of marketing topics including price risk management and decision making.
- New Feeder Cattle Extension Publications - much needed, in depth, publications focused on price risk management, basis, decision making, and budgeting for Kentucky feeder cattle.
- Continued success of beef IRM programming – Master Cattleman, Master Stocker, and Advanced Master Cattleman have continued to be key pieces of my extension program as the depth of material covered is very high.
- Dairy Farm Bill Programming – development and delivery of 5 extension programs on MPP-Dairy, development of supporting extension publication, and core of applied research
- General Marketing and management – continue to be regularly utilized as resource for agents, farmers, lenders, etc. for their needs in livestock and forage economics
- Applied Livestock Marketing Research – Four peer reviewed papers accepted in various outlets and a submission currently under review with the *Journal of Agribusiness*. All have potential to impact my extension program and add to the livestock economics literature.
- Numerous invitations to speak at regional and national programs such as Extension track at 2014 AAEEA meeting, Mid-south Stocker Conference, Tri-State Beef Conference, etc. provide evidence that I am a major contributor at national and regional level

Over the last two years, I have continued to lead a practical and responsive extension program benefiting Kentucky beef, dairy, equine, and forage producers. Over the past 24 months, I have written or co-authored 9 extension publications and presented at 4 in-service trainings for county agents. I have written 9 articles for the Economic and Policy Update, authored 20 beef market updates for the college's Off-the-Hoof newsletter, and 2 articles in Dairy Notes. These outputs of my extension program are utilized across the state by county agents, livestock producers, lenders, policy makers, and many others.

In addition to print outlets, I feel strongly that a good extension professor should be very visible across the state. I spend a lot of time out on the road working directly with county agents and producers in educational settings. I am well-known throughout Kentucky and am regularly contacted by county agents and farmers for advice and guidance on a wide range of agricultural economic issues. At county meetings, workshops, and trainings, I regularly conduct programs on market outlook, price risk management, retained ownership, record keeping, and basic profitability. In addition to working with county agriculture agents and livestock producers, I am also regularly utilized as a resource for industry stakeholders, government officials, lenders, and colleagues at other institutions. During 2013 and 2014, I conducted a total of 115 extension meetings, workshops, and presentations in a wide range of settings. The agent evaluations of specialists conducted during the fall of 2012 provide evidence of my value to the county agents as I had 77 responses and extremely high ratings across the board. This survey is being conducted for 2014 at the time of this writing.

While my program is incredibly broad in scope, price risk management has been the area that I have devoted the largest portion of my time during the last two years. This has been largely in response to increasing cattle prices and increased market volatility leaving many producers in need of risk management assistance. In addition to traditional extension programming such as county meetings, newsletters, etc., I, along with Greg Halich and Kevin Laurent, developed the new Master Marketer program and published three new extension publications on this topic. This program was delivered in ten multi-county areas reaching around 265 producers during 2013 and 2014.

I also remain an active member of the beef IRM committee, serving the group as a co-PI on the overall grant and delivering educational programming as part of the Master Stocker, Master Cattleman, and Advanced Master Cattleman programs. These programs have been widely successful, continue to improve my relationship with our clientele, and serve as a key initial contact point with new agents.

General marketing and profitability continue to be a major focus of my work. I have delivered many programs aimed at improving profitability such as reducing hay feeding days, the effect of reducing or increasing cow numbers, opportunities for post-weaning management, and improving the economics of forage management. Many of these topics are delivered in county and regional settings. I have also incorporated the MPP-Dairy program, authorized in the 2014 Farm Bill, into my extension program for fall 2014. This program will be delivered in 5 locations during October and November.

Since summer of 2009, I have served on the board of directors for the Kentucky Agricultural Finance Corporation (KAFC). The board reviews and approves all loan applications to KAFC and provides guidance to the GOAP staff on needs and challenges within the state. This has provided me with yet another opportunity to serve the commonwealth and has benefited me considerably as an extension professor.

As part of my extension program, I have also been able to conduct some applied research that has been beneficial to Kentucky livestock producers. I was pleased to have 4 peer reviewed papers accepted during 2014 and have a paper currently under review at the *Journal of Agribusiness*. This research compliments my extension program very well as it is focused on marketing and risk management of beef and dairy cattle.

I also feel that my teaching abilities continue to approve based on student feedback and course evaluations. My extension program compliments my teaching well as it provides a pool of illustrations to use in class. Students are taught methods for price forecasting, demand analysis, price evaluation, breakeven analysis, and price risk management. Course evaluations for 2012 and 2013 were well above the college average. I have also enjoyed the fact that many of my students become extension clients as they move into professional careers as producers, lenders, managers, etc. I am able to work with some of them in a new capacity after their graduation.