

**Kevin C. Dhuyvetter, Professor  
Vitae - January 2010**

**OFFICE ADDRESS:**

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**EDUCATION**

Ph.D. Agricultural Economics. Kansas State University, Manhattan, Kansas.  
Fields: Production Economics, Agricultural Marketing, Econometrics.  
Dissertation topic: *The Impact of USDA Cattle on Feed Reports on the Cattle Market.*  
Graduation Date: May, 1999. G.P.A. 4.00 on a 4.0 scale.

M.S. Agricultural Economics, Iowa State University, Ames, Iowa  
Research Project: Forecasting Fed Cattle Marketings  
Graduation Date: December, 1986. G.P.A. 3.79 on a 4.0 scale

B.S. Agricultural Economics, North Dakota State University, Fargo, North Dakota  
Field: Farm Management and Production  
Graduated with Honors, May, 1984. G.P.A. 3.74 on a 4.0 scale

A.S. Agriculture, North Dakota State University, Bottineau Branch, Bottineau, North Dakota  
Graduated Cum Laude, May, 1982. G.P.A. 3.52 on a 4.0 scale

**RELEVANT EXPERIENCE**

November 18, 1986 - January 1, 1995: Extension Agricultural Economist, Southwest  
Research-Extension Center, Kansas State University, Garden City, KS.

January 1, 1995 - July 1, 1999: Extension Agricultural Economist, Northeast Area Extension  
Office, Kansas State University, Manhattan, KS.

July 1, 1999 - present: Research-Extension Agricultural Economist, Farm Management,  
Department of Agricultural Economics, Kansas State University, Manhattan, KS.

**PROFESSIONAL ORGANIZATIONS**

Member of American Agricultural Economics Association (AAEA)  
Member of Western Agricultural Economics Association (WAEA)  
Member of Southern Agricultural Economics Association (SAEA)

## PROFESSIONAL SERVICE

### **National and Regional:**

Article reviewer for:

*Agricultural and Resource Economics Review; Agronomy Journal; American Journal of Agricultural Economics; Canadian Journal of Agricultural Economics; Computers and Electronics in Agriculture; Journal of Agribusiness; Journal of Agricultural and Applied Economics; Journal of Agricultural and Resource Economics; Journal of Agricultural Education; Journal of Dairy Science; Journal of Futures Markets; Journal of Natural Resources Policy Research; Review of Agricultural Economics; Professional Animal Scientist*

### **KSU and Interdepartmental Services (last five years):**

Co-instructor for ASI 650 – Information Management for Food Animal Production Systems, Fall semesters 2004-2009

Guest lecturer – ASI 651

Faculty Senate, 2003-2008

College of Agriculture, promotion and tenure committee, 2006-2007 (2009 fill in)

Member of the following K-State teams:

Dairy, Swine, Precision Agriculture, No-till and Cropping systems, Crop Management and Marketing, and Livestock Management and Marketing

Served on the following search committees:

Livestock Marketing Extension Specialist, 2009

Animal Science Extension Cow-calf Specialist and SE Area Extension Economist, 2008

Served on graduate committee for several agronomy and animal science students

### **Agricultural Economics Department Service (last five years):**

Extension State Leader, 2009

Co-team leader for Farm Management Program Focus Team, 2009

Co-instructor for AGECE 936 – Quantitative Analysis, Spring semesters 2003-2005, 2007

Guest lecturer – AGECE 812

Farm Management Guides, coordinator and responsible for updating numerous guides annually

Risk and Profit planning committee

Served on various planning and review committees (e.g., marketing curriculum, farm management curriculum, reference room, departmental web page)

Reviewer of numerous conference and white papers for graduate students and other faculty

Attend departmental seminars, defenses, and candidate interviews whenever possible

### **Graduate Committees (students that have finished):**

Major Professor:

Cora Newsom (MS, 2009), Joel Phelps (MAB, 2009), Chris Crosby (MS, 2008), Marcella Warner (MAB, 2008), Vicki Wray (MS, 2008), Hannah Berns (MS, 2007), Travis Holt (MAB, 2007), Aaron Gasper (MS, 2006), Brett Esau (MS, 2005), Tyler Rider (MS, 2004), Tod Kalous (MS, 2004), Aaron Beaton (MS, 2003), Erik Dean (MS, 2002)

Ph.D. Agricultural Economics graduate committee:

Lawton Nalley (2007), Yapo N'Guessan (2007), Jasper Fanning (2005), Bill Golden (2005), Heather Nivens (2002), Darrel Mark (2001)

M.S. Agricultural Economics graduate committee:

Kiel Roehl (2009), Roberta Slattery (2009), Jennifer Freeborn (2009), Tyler Van Winkle (2008), Kati Bolte (2007), Ryan McMillan (2007), Sandra Villasanti (2007), Mathew Rutt (2007), Ryan Garrett (2005), Kim Cerny (2005), Roy Jessup (2004), Sridhar Sankranti (2004), Tyler Turner (2004), Holly Bigge (2003), Nathan Falk (2003), Matt Howe (2000), Allen McDonald (2000)

MAB Agricultural Economics graduate committee:

Amy Brusk (2009), Brent Heid (2008), Clint Imel (2008), Todd Marsh (2008), Russell Moore (2008), Cameron Nightingale (2006), Jim Zook (2006), Alex Offerdahl (2005), Michele Evosovich (2005), Evan Winchester (2005), Keith Kennedy (2005), Mike Vogt (2000)

Other departments graduate committee:

Aifheli Meshack Ndou (PhD Agronomy, 2009), Mike Eppler (MS Agronomy, 2007), Annette Bryant (MS Animal Science & Industry, MS)

## AWARDS

Association of Continuing Higher Education Outstanding Program Award Honorable Mention – Non-Credit, *MAST Program (Farm Management Educational Program)*, 2006.  
University Continuing Education Association Great Plains Region Award (for non-credit association), *MAST Program (Farm Management Educational Program)*, 2004.  
Western Agricultural Economics Association Outstanding Extension Project Award, *MAST Program (Farm Management Educational Program)*, 2004.  
Southern Agricultural Economics Association Distinguished Extension Program Award, *MAST Program (Farm Management Educational Program)*, 2004.  
K-State Research and Extension 2003 Team Award, *MAST Team*, 2004.  
USDA Secretary's Honor Award – Expanding Economic and Trade Opportunities for United States Agricultural Producers (category), *Hard White Wheat Commercialization Team*, 2002.  
K-State Research and Extension 2002 Team Award, *K-State Dairy Team*, 2002.  
American Society of Agronomy – Educational Materials Award (publication, 16 or more pages), *Kansas No-Till Handbook*, 2000.  
NACAA National Finalist – Search for Excellence Award in Farm and Ranch Financial Management, 2000 (in conjunction with Daymian Reed).  
M.E. Franks Dairy Scholarship, 1997.  
Farm Foundation Fellowship, 1996.  
Great Plains Soil Fertility Leadership Award, 1994.  
Alpha Rho Chapter of Epsilon Sigma Phi, Horizon Award, 1991.  
American Agricultural Economics Association, Distinguished Group Extension Program Award, *Marketing Clubs (Marketing Educational Program)*, 1989.

## MAJOR PUBLICATIONS

### Refereed Journal Articles:

1. Moyer, J.L., **K.C. Dhuyvetter**, and D. Shoup. 2009. "Comparison of Returns from Legumes in Endophyte-Infected Tall Fescue for Hay." Online. *Forage and Grazinglands*, doi:10.1094/FG-2009-1041-01-RS.
2. Staggenborg, S.A., **K.C. Dhuyvetter**, and W.B. Gordon, "Grain Sorghum and Corn Comparisons: Yield, Economic and Environmental Responses." *Agronomy Journal*, 100,6(2008):1600-1604.
3. Jones, R., **K.C. Dhuyvetter**, T.L. Marsh, and T. Turner, "Estimating the Economic Value of Specific Characteristics Associated with Angus Bulls Sold at Auction." *Journal of Agricultural and Applied Economics*, 40,1(April 2008):315-333.
4. Owensby, C.E., L.M. Auen, H.F. Berns, and **K.C. Dhuyvetter**, "Grazing Systems for Yearling Cattle on Tallgrass Prairie." *Rangeland and Ecology Management*, 61(March 2008):204-210.
5. Nightingale, C., **K. Dhuyvetter**, R. Mitchell, and Y. Schukken, "Influence of Variable Milk Quality Premiums on Actual Observed Milk Quality." *Journal of Dairy Science*, 91(2008):1236-1244.
6. Jones, R., A. Goheen, **K. Dhuyvetter**, T. Kastens, and V. Amanor-Boadu, "Using Distance Education in Extension Programming." *Journal of Agricultural and Resource Economics*, 39,2(August 2007)265-274.
7. Boyd, S., M. Boland, **K. Dhuyvetter**, and D. Barton, "Determinants of Return on Equity in U.S. Local Farm Supply and Grain Marketing Cooperatives." *Journal of Agricultural and Resource Economics*, 39,1(April 2007)201-210.
8. Taylor, M.R., **K. C. Dhuyvetter**, and T.L. Kastens, "Forecasting Crop Basis Using Historical Averages Supplemented with Current Market Information." *Journal of Agricultural and Resource Economics*, 31(3, 2006):549-567.
9. Taylor, M.R., **K. C. Dhuyvetter**, T.L. Kastens, M. Douthit, and T.L. Marsh, "Show Quality Quarter Horse Auctions: Price Determinants and Buy-Back Practices." *Journal of Agricultural and Resource Economics*, 31(3, 2006):595-615.
10. Parcell, J.L., **K.C. Dhuyvetter**, D.J. Patterson, and R. Randle. "The Value of Heifer and Calf Characteristics in Bred Heifer Price." *The Professional Animal Scientist*, 22(3,2006):217-224.
11. Rider, T.W., J.W. Vogel, J.A. Dille, **K.C. Dhuyvetter**, and T.L. Kastens. "An Economic Evaluation of Site-Specific Herbicide Application." *Precision Agriculture*, <http://dx.doi.org/10.1007/s11119-006-9012-y>, (July 2006).
12. **Dhuyvetter, K.C.**, A.M. Bryant, D.A. Blasi. "Case Study: Preconditioning Beef Calves: Are Expected Premiums Sufficient to Justify the Practice?" *The Professional Animal Scientist*, 21(6,2005):502-514.
13. Main, R.G., S.S. Dritz, M.D. Tokach, R.D. Goodband, **K.C. Dhuyvetter**, and J.L. Nelssen. "Illustrating a Partial Budgeting Tool to Describe the Effect of Lactation Space and Lactation Space Management on Net Revenue for a Multi-site Production System." *Journal of Swine Health and Production*, 13(6,2005):322-332.
14. Kalous, T.S., **K.C. Dhuyvetter**, and T.K. Kastens. "A Case Study of an Ag Marketing Service's Performance in Marketing Hard Red Winter Wheat in Kansas." *Journal of Farm Managers and Appraisers*, (2005):50-59.
15. Beaton, A.J., **K.C. Dhuyvetter**, T.L. Kastens, and J.R. Williams. "Per Unit Costs to Own and Operate Farm Machinery." *Journal of Applied Agricultural Economics*, 37(1,2005):131-144.

16. **Dhuyvetter, K.C.** "Using Formula Prices in the Absence of Publicly Reported Prices: An Application for Segregated Early Weaned Pigs." *Review of Agricultural Economics*, 26(4,2004):539-551.
17. Tonsor, G.T., **K.C. Dhuyvetter**, and J.R. Mintert. "Improving Cattle Basis Forecasting." *Journal of Agricultural and Resource Economics*, 29(2,2004):228-241.
18. **Dhuyvetter, K.C.**, E. Dean, and J.L. Parcell. "Using the Crude Oil and Heating Oil Markets for Diesel Purchasing Decisions." *Journal of Agribusiness*, 21(2,2003):213-229.
19. Schlegel, A.J., **K.C. Dhuyvetter**, and J.L. Havlin. "Placement of UAN for Dryland Winter Wheat in the Central High Plains." *Agronomy Journal*, 95(2003):1532-1541.
20. Kastens, T.L., J.P. Schmidt, and **K.C. Dhuyvetter**. "Yield Models Implied by Traditional Fertilizer Recommendations and a Framework for Including Non-traditional Information." *Soil Science Society of America Journal*, 67(2003):351-364.
21. Nivens, H.D., T.L. Kastens, **K.C. Dhuyvetter**, and A.M. Featherstone. "Using Satellite Imagery in Predicting Kansas Farmland Values." *Journal of Agricultural and Resource Economics*. 27(2,2002):464-480.
22. May, G.J., R.D. Jones, M.R. Langemeier, and **K.C. Dhuyvetter**. "Influence of Grazing Lease Terms on Economical Optimal Stocking Rates." *Journal of Range Management*. September 2002. 55(5): 461-468.
23. Nivens, H.D., T.L. Kastens, and **K.C. Dhuyvetter**. "Payoffs to Farm Management: How Important is Crop Marketing?" *Journal of Agricultural and Applied Economics*. 34(1,2002):193-204.
24. **Dhuyvetter, K.C.**, and T.C. Schroeder. "Feeder Cattle Market Price-Weight Relationships." *Canadian Journal of Agricultural Economics* 48(2000):299-310.
25. Parcell, J.L., T.L. Kastens, **K.C. Dhuyvetter**, and T.C. Schroeder. "Agricultural Economists' Effectiveness in Reporting and Conveying Research Procedures and Results." *Journal of Agricultural and Resources Economic Review*. 29(2,2000):173-182.
26. Parcell, J.L., T.C. Schroeder, and **K.C. Dhuyvetter**. "Factors Affecting Live Cattle Basis." *Journal of Agricultural and Applied Economics*. 32(3,2000):531-541.
27. Schlegel, A.J., **K.C. Dhuyvetter**, C.R. Thompson, and J.L. Havlin. "Agronomic and Economic Impact of Varying Tillage and Cropping Intensity on Dryland Wheat and Grain Sorghum." *Journal of Production Agriculture*. 12(4,1999):629-636.
28. Trooien, T., L. Buschman, P. Sloderbeck, **K. Dhuyvetter**, and W. Spurgeon. "Water Use Efficiency of Different Maturity Corn Hybrids and Grain Sorghum in the Central Great Plains." *Journal of Production Agriculture*. 12(3,1999):377-382.
29. Kastens, T.L., and **K.C. Dhuyvetter**. "Post-Harvest Grain Storing and Hedging with Efficient Futures." *Journal of Agricultural and Resource Economics*. 24(2,1999):482-505.
30. Parcell, J.L., T.C. Schroeder, T.L. Kastens, and **K.C. Dhuyvetter**. "Perceptions of Extension and Research Marketing Economists." *Review of Agricultural Economics*. 21(1,1999):35-51.
31. **Dhuyvetter, K.C.** and T.L. Kastens. "Linkages Between Crop Insurance and Pre-Harvest Hedging." *Journal of Agricultural and Applied Economics*. 31(1,1999):41-56.
32. Schroeder, T.C., J.L. Parcell, T.L. Kastens, and **K.C. Dhuyvetter**. "Perceptions of Marketing Strategies: Producers vs. Extension Economists." *Journal of Agriculture and Resource Economics*. 23(1,1998):279-293.
33. **Dhuyvetter, K.C.**, T.C. Schroeder, D.D. Simms, R.P. Bolze Jr., and J. Geske. "Determinants of Purebred Beef Bull Price Differentials." *Journal of Agricultural and Resource Economics*. 21(2,1996):396-410.

34. **Dhuyvetter, K.C.**, C.R. Thompson, C.A. Norwood, and A.D. Halvorson. "Economics of Dryland Cropping Systems in the Great Plains: A Review." *Journal of Production Agriculture*. 9(2,1996):216-222.
35. Schlegel, A.J., **K.C. Dhuyvetter**, and J.L. Havlin. "Economic and Environmental Impact of Long-Term Nitrogen and Phosphorus Fertilization." *Journal of Production Agriculture*. 9(1,1996):114-118.
36. Norwood, C.A., and **K.C. Dhuyvetter**. "An Economic Comparison of the Wheat-Fallow and Wheat-Sorghum-Fallow Cropping Systems." *Journal of Production Agriculture*. 6(2,1993):261-266.

**Non-Refereed Journals, Presented Papers, and Proceedings:**

1. Schulz, L.L., J.R. Mintert, **K.C. Dhuyvetter**, T.C. Schroeder, K.W. Harborth, and J.W. Waggoner. "Improving the Value of Feeder Cattle and Calves: The Factors Affecting Auction Prices." Selected poster at 2009 AAEA & ACCI Joint Annual Meeting. July 26-28, 2009. Milwaukee, WI.
2. Harner, J.P., J.F. Smith, and **K.C. Dhuyvetter**. 2009. "Temperature Changes in Low Profile Cross Ventilated Dairy Facilities." 2009 ASABE Annual International Meeting, June 21-24, 2009. Reno, NV. #096770.
3. Harner, J.P., J.F. Smith, B.J. Bradford, M.W. Overton and **K.C. Dhuyvetter**. 2009. "In the Thermoneutral Zone: Potential Benefits of LPCV Buildings." Proceedings of the 2009 Western Dairy Management Conference, March 11-13, 2009. Reno, NV.
4. Harner, J.P., J.F. Smith, B.J. Bradford, M. Overton, and **K.C. Dhuyvetter**. "Potential Benefits of LPCV Buildings in Colorado." Proceedings of the 20<sup>th</sup> Annual Colorado Dairy Nutrition Conference, Colorado State University, January 27, 2009, Greeley, CO.
5. **Dhuyvetter, K.C.**, J.P. Harner, J.F. Smith, and B. Bradford. "Economic Considerations of Low Profile Cross Ventilated Barns." Proceedings of the Dairy Housing of the Future Conference, September 10-11, 2008, Sioux Falls, SD.
6. Smith, J.F., J.P. Harner, B.J. Bradford, M. Overton, and **K.C. Dhuyvetter**. "Opportunities with Low Profile Cross Ventilated Freestall Facilities." Proceedings of the Dairy Housing of the Future Conference, September 10-11, 2008, Sioux Falls, SD.
7. **Dhuyvetter, K.C.**, K. Swanser, T. Kastens, J. Mintert, and B. Crosby. "Improving Feeder Cattle Basis Forecasts." Selected paper for 2008 Western Agricultural Economics Association Annual Meeting, June 25-27, 2008. Big Sky, MT,
8. Goff, S.S., **Dhuyvetter, K.C.**, Velez, J.S., Smith, J.F., and Reynolds, J. "Measurable Indicators of Animal Welfare in Organic and Conventional Dairies in the United States." Selected paper for 16<sup>th</sup> IFOAM Organic World Congress. June 16-20, 2008. Modena, Italy.
9. Tonsor, G.T. and **K.C. Dhuyvetter**. "Sow Management: How Many Litters/Sows Should I be Targeting?" MSU Pork Quarterly, Vol. 13 No. 1 (2008).
10. **Dhuyvetter, K.C.**, T.L. Kastens, and T.C. Schroeder. "Ethanol Industry – Impact on Corn and DGS Production." Proceedings of the 2008 Tri-State Northwest Dairy Shortcourse, January 30-31, 2008, Boise, ID.
11. Jones, R., A. Goheen, **K. Dhuyvetter**, T. Kastens, V. Amanor-Boadu, and M. Langemeier. "Distance Delivery of Intensive Farm Management Education." Presentation to the joint meeting of the National Association of Farm Business Analysts and the North Central Farm Management Extension Tri-Annual Conference, Rochester MN. June 12-14, 2007.

12. Llewelyn, R., **K. Dhuyvetter**, J. Mintert, and G.A. Barnaby. "Web-Based Education for Kansas Agribusiness via *AgManager.info*." Presentation at the National Risk Management Education Conference, Phoenix, AZ. April 16-18, 2007.
13. Brinker, A., J. Parcell, and **K. Dhuyvetter**. "Cross-Hedging Distillers Dried Grains: Exploring Corn and Soybean Meal Futures Contracts." Proceedings of the NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management. Chicago, IL. April 16-17, 2007. [<http://www.farmdoc.uiuc.edu/nccc134>].
14. Smith, J.F., J.P. Harner, J. de Hara Marti, R. Sheffield, J. Zulovich, S. Pohl, C. Fulhage, D. Nicoli, B. Hetchler, L. Jacobson, **K. Dhuyvetter**, M.J. Brouk. 2007. "Comprehensive Evaluation of a Low-Profile Cross-Ventilated Freestall Barn." Proceedings of the Annual Professional Dairy Producers of Wisconsin, March 13-14, 2007.
15. **Dhuyvetter, K.C.**, T.L. Kastens, M.W. Overton, J.F. Smith. 2007. "Cow Culling Decisions: Costs or Economic Opportunity?" Proceedings of the 8th Western Dairy Management Conference, Reno, NV, pg. 173-187.
16. VanBaale, M.J., D.V. Armstrong, **K. Dhuyvetter**, J.F. Smith, J.P. Harner. 2007. "Managing the Milking Parlor an Economic Consideration of Profitability." Proceedings of the 8th Western Dairy Management Conference, Reno, NV, pg. 113-126.
17. Smith, J.F., J.P. Harner, J. de Hara Marti, R. Sheffield, J. Zulovich, S. Pohl, C. Fulhage, D. Nicoli, B. Hetchler, L. Jacobson, **K. Dhuyvetter**, M.J. Brouk. 2007. "Comprehensive Evaluation of a Low-Profile Cross-Ventilated Freestall Barn." Proceedings of the 8th Western Dairy Management Conference, Reno, NV, pg. 127-147.
18. Smith, J.F., J.P. Harner, M.J. Brouk, and **K.C. Dhuyvetter**. 2007. "Designing Dairy Facilities for Cow Comfort." S.A. Large Herds Conference. Mentors Venue, Jeffreys Bay South Africa. February 19-21, 2007.
19. Jones, R., A. Goheen, **K. Dhuyvetter**, T. Kastens, and V. Amanor-Boadu. "Using Distance Education In Extension Programming." Invited presentation to the 2007 Southern Agricultural Economics Association Annual Meeting, Mobile Alabama, February 4-7, 2007.
20. **Dhuyvetter, K.C.** and T.L. Kastens. "Optimal Nitrogen Fertilizer Rates Given Current Fertilizer and Crop Prices." Paper was presented by Dhuyvetter and published in the proceedings of the *Risk and Profit Management Conference 2006*. Department of Agricultural Economics, Kansas State University, Manhattan, KS. August 17-18, 2006. 14p.
21. Boyd, S., M. Boland, **K. Dhuyvetter**, and D. Barton, "Determinants of Return on Equity in U.S. Local Farm Supply and Grain Marketing Cooperatives." Selected paper presented by Boyd at the *2006 Western Agricultural Economics Association Annual Meeting*, Anchorage, AK. June 28-30, 2006. 29p.
22. Smith, J. F., M. J. Brouk, J.P. Harner III, and **K.C. Dhuyvetter**. 2006. Issues with Dairy Facilities Located in the High Plains. Proc. of the High Plains Dairy Conference, Albuquerque, NM. March 16-17, 2006. pp. 1-13.
23. Kastens, T.L., **K.C. Dhuyvetter**, A.J. Schlegel, and T.J. Dumler. "N Response Functions for Today's Production Costs." Paper was presented by Kastens and Dhuyvetter and published in the proceedings of the *2006 Great Plains Soil Fertility Conference*, Denver, CO. March 7-8, 2006. pp 95-105.
24. Kastens, T.L., **K.C. Dhuyvetter**, A.J. Schlegel, and T.J. Dumler. "No-Till and Water Management in the High Plains: a Kansas Perspective." p. 140-154. Paper was presented by Kastens and Dhuyvetter and published in the proceedings of *The Second International Conference on Sustainable and Effective Agriculture Using No-Till Systems Approach*. NT CA 2005 Conference, Dnipropetrovsk, Ukraine. August 17-20, 2005.

25. **Dhuyvetter, K.C.** and T.L. Kastens. "Economic Implications of Less-Tillage: a Kansas Perspective." p. 140-154. Paper was presented by Kastens and Dhuyvetter and published in the proceedings of *The Second International Conference on Sustainable and Effective Agriculture Using No-Till Systems Approach*. NT CA 2005 Conference, Dnipropetrovsk, Ukraine. August 17-20, 2005.
26. **Dhuyvetter, K.C.** and T.L. Kastens. "Where is Commercial Ag Going?" Paper was presented by Dhuyvetter and Kastens and published in the proceedings of the *Risk and Profit Management Conference 2005*. Department of Agricultural Economics, Kansas State University, Manhattan, KS. August 11-12, 2005. 40p.
27. Kastens, T.L., **K.C. Dhuyvetter**, A.J. Schlegel, and T.J. Dumler. "No-Till, Short- and Long-Run Economics." Paper was presented by Kastens and Dhuyvetter and published in the proceedings of the *Risk and Profit Management Conference 2005*. Department of Agricultural Economics, Kansas State University, Manhattan, KS. August 11-12, 2005. 16p.
28. Parcell, J., **K. Dhuyvetter**, D. Patterson, and R. Randle. "The Value of Carcass Characteristic EPDs in Bred Heifer Price." Paper was presented by Parcell and published in *NCR-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management*, St. Louis, MO. April 18-19, 2005. 17p.
29. **Dhuyvetter, K.C.** and J.F. Smith. "Business Analysis: Which Financial Tools Should I Use?" Paper was presented by Dhuyvetter and published in the proceedings of the *Eastern Regional Science Symposium*. Hershey, PA. April 12-13, 2005. 23p.
30. **Dhuyvetter, K.C.** and J.F. Smith. "Business Analysis: Which Financial Tools Should I Use?" Paper was presented by Dhuyvetter and published in the proceedings of the *Western Dairy Management Conference*. Reno, NV. March 9-11, 2005. pp 107-128.
31. Kastens, T.L. and **K.C. Dhuyvetter**. "Soil Sampling and Precision Ag: Does it Pay?" Paper was presented by Kastens and published in the proceedings of the *Cover Your Acres Winter Conference*. Oberlin, KS. February 3, 2005. 6p.
32. **Dhuyvetter, K.C.** and T.L. Kastens. "Analyzing Your Business: How do you know where you stand?" Paper was presented by Dhuyvetter and published in the proceedings of the *Wisconsin Custom Operators, Professional Nutrient Applicators of Wisconsin & Midwest Forage Association 2005 Symposium and Annual Meeting*. Wisconsin Dells, WI. January 25-26, 2005. 18p.
33. Smith, J.F., **K.C. Dhuyvetter**, M.J. VanBaale, D.V. Armstrong, and J. Harner. "Managing the Milking Parlor: An Economic Consideration of Profitability." Paper was presented by Smith and published in the proceedings of the *NMC 44<sup>th</sup> Annual Meeting Proceedings*. Orlando, FL. January 16-19, 2005. pp 165-180.
34. **Dhuyvetter, K.C.**, J.F. Smith, M.J. VanBaale, and D.V. Armstrong. "Which Dairy Facility is Right for You? Drylot vs. Saudi vs. Freestall." Paper was presented by Smith and published in the proceedings of the *2004 Arizona Dairy Production Conference*. Department of Animal Sciences, The University of Arizona, Tempe, AZ. November 4, 2004. pp 19-26.
35. **Dhuyvetter, K.C.** and T.L. Kastens. "Marketing Grain – Things to Think About." pgs. 24. *In* T. Kastens (ed) *Risk and Profit Management Conference Proceedings*. Kansas State University. August 19-20, 2004. Manhattan, KS.
36. Kastens, T.L. and **K.C. Dhuyvetter**. "Soil Sampling, Especially for N and P: Does it Pay?" pgs. 26. *In* T. Kastens (ed) *Risk and Profit Management Conference Proceedings*. Kansas State University. August 19-20, 2004. Manhattan, KS.
37. Turner, T., **K. Dhuyvetter**, T. Marsh, and R. Jones. "Estimating the Economic Values Associated with EPDs for Angus Bulls at Auction." pgs. 20. *In* T. Kastens (ed) *Risk and*

- Profit Management Conference Proceedings. Kansas State University. August 19-20, 2004. Manhattan, KS.
38. **Dhuyvetter, K.C.** "Preconditioning Beef Calves: Are Expected Premiums Sufficient to Justify the Practice?" Selected paper at 2004 *Western Agricultural Economics Association* Annual Meeting. July 1-2, 2004. Honolulu, HI.
  39. Taylor, M.R., **K.C. Dhuyvetter**, M. Douthit, and T.L. Marsh. "Price Determinants of Show Quality Quarter Horses." Selected paper at 2004 *Western Agricultural Economics Association* Annual Meeting. July 1-2, 2004. Honolulu, HI.
  40. Turner, T., **K. Dhuyvetter**, T. Marsh, and R. Jones. "Estimating the Economic Values Associated with EPDs for Angus Bulls at Auction." Selected paper at 2004 *Western Agricultural Economics Association* Annual Meeting. July 1-2, 2004. Honolulu, HI.
  41. Haag, L.A., R.K. Taylor, **K.C. Dhuyvetter**, and M.D. Schrock. 2004. "Using Yield Monitor Data to Compare Grain Harvesting Methods." ASAE/CSAE Meeting Paper No. 041094. St. Joseph, Mich.: ASAE.
  42. Taylor, M., **K.C. Dhuyvetter**, and T.L. Kastens. "Incorporating Current Information into Historical-Average-Based Forecasts to Improve Crop Price Basis Forecasts." Selected paper at 2004 *NCR-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management*. April 19-20, 2004. St. Louis, MO.
  43. Kastens, T.L., **K.C. Dhuyvetter**, and J.P. Schmidt. "Point vs. Area Grid Soil Sampling in the Great Plains." pg. 59-68. In A.J. Schlegel (ed) 2004 Great Plains Soil Fertility Conference Proceedings. Kansas State University. March 2-3, 2004. Denver, CO.
  44. Kastens, T.L., **K.C. Dhuyvetter**, and J.P. Schmidt. "Managing Fertilizer Programs on Leased Land in the Eastern Corn Belt." pgs. 28. Presented at Indiana Crop Advisor Conference, December 16-17, 2003. Indianapolis, IN.
  45. Staggenborg, S., R. Vanderlip, and **K. Dhuyvetter**. "Sorghum vs Corn: Crop Management in Stress-prone Environments." pgs. 12. Presented at 59<sup>th</sup> Annual American Seed Trade Conference, December 4-5, 2003. Chicago, IL.
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### **Farm Management Guides:**

Currently serve as coordinator and editor for KSU Farm Management Handbook (approximately 100 total factsheets with the majority being updated annually). In addition to serving in this capacity I am responsible to update a number of the guides on an annual basis (e.g., in 2009 I either authored or co-authored 20 different factsheets). The following are originally authored Farm Management Guides and the year they were developed:

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111. Nivens, H.D., T.L. Kastens, **K.C. Dhuyvetter**, and A. Featherstone. "Cropland and Pastureland Sales Values, 1989-1999." Poster prepared for the 2001 Risk and Profit Management Conference. Department of Agricultural Economics, Kansas State Univ. August 2001.

112. Kastens, T. and **K. Dhuyvetter**. "2000 Harvest Year Report for USCHI's Custom Harvester Analysis and Management Program (CHAMP)." White paper prepared for and presented at USCHI Annual Meeting, March 1-4, 2001, Wichita Falls, TX.
113. Dean, E., M. Boland, and **K. Dhuyvetter**. "Economic Issues with Value-Enhanced Soybeans (VES)." Poster prepared for the 2001 Kansas Soybean Expo. Topeka, KS. January 2001.
114. **Dhuyvetter, K.C.** "Economics of Cooling Cows." *Dairy Lines*, Dairy Research and Extension News, K-State Research and Extension and Oklahoma State University, Volume 6, Number 9, September 2000.
115. Kastens, T.L., R.K. Taylor, and **K.C. Dhuyvetter**. "A Precision Agriculture pH and P Example for Soybeans in Osage County Kansas." Prepared for presentation at the Risk and Profit Management Conference 2000. Department of Agricultural Economics, Kansas State Univ. August 2000.
116. Dumler, T.J., T.L. Kastens, and **K.C. Dhuyvetter**. "Machinery Management Benchmarks." Prepared for presentation at the Risk and Profit Management Conference 2000. Department of Agricultural Economics, Kansas State Univ. August 2000.
117. Bernardo, D., M. Doane, T. Kastens, R. Jones, **K. Dhuyvetter**, M. Langemeier, and J. Wilson. "A Summary of Results from the Integrated Agricultural Management Systems Survey – North-Central Kansas Region." Department of Agricultural Economics, Kansas State Univ. July 2000.
118. Bernardo, D., R. Jones, **K. Dhuyvetter**, M. Langemeier, M. Doane, T. Kastens, and J. Wilson. "A Summary of Results from the Integrated Agricultural Management Systems Survey – South-Central Kansas Region." Department of Agricultural Economics, Kansas State Univ. July 2000.
119. Bernardo, D., M. Doane, T. Kastens, R. Jones, **K. Dhuyvetter**, M. Langemeier, and J. Wilson. "A Summary of Results from the Integrated Agricultural Management Systems Survey – Southwest Kansas Region." Department of Agricultural Economics, Kansas State Univ. July 2000.
120. Bernardo, D., T. Kastens, R. Jones, **K. Dhuyvetter**, M. Langemeier, M. Doane, and J. Wilson. "A Summary of Results from the Integrated Agricultural Management Systems Survey – Northwest Kansas Region." Department of Agricultural Economics, Kansas State Univ. July 2000.
121. Bernardo, D., **K. Dhuyvetter**, M. Langemeier, M. Doane, T. Kastens, R. Jones, and J. Wilson, "A Summary of Results from the Integrated Agricultural Management Systems Survey – Northeast Kansas Region." Department of Agricultural Economics, Kansas State Univ. July 2000.
122. Bernardo, D., M. Langemeier, M. Doane, T. Kastens, R. Jones, **K. Dhuyvetter**, and J. Wilson. "A Summary of Results from the Integrated Agricultural Management Systems Survey – Southeast Kansas Region." Department of Agricultural Economics, Kansas State Univ. July 2000.
123. Kastens, T. and **K. Dhuyvetter**. "1999 Harvest Year Report for USCHI's Custom Harvester Analysis and Management Program (CHAMP)." White paper prepared for and presented at USCHI Annual Meeting, March 2-5, 2000, Sioux Falls, SD.
124. **Dhuyvetter, K.** and D. Reed. "Keeping Farm Records: An Example Using Quicken." Winter, 1999/2000.
125. Bernardo, D., M. Doane, T. Kastens, **K. Dhuyvetter**, M. Langemeier, and R. Jones. "Kansas Producers' Perspectives on Atrazine BMP's." Poster presented at the 1999 Commodity Classic, November 30, 1999. Salina, KS.

126. Boland, M., M. Domine, **K. Dhuyvetter**, and T. Herrman. "Economic Issues with Value-Enhanced Corn (VEC)." Poster presented at the 1999 Commodity Classic, November 30, 1999. Salina, KS.
127. Stewart, W.M., **K. Dhuyvetter**, and A. Schlegel. "Fertilization and Low Crop Prices ... What to Do?" News & Views newsletter published by the Potash & Phosphate Institute (PPE), October, 1999.
128. Kastens, T. and **K. Dhuyvetter**. "1998 Harvest Year Report for USCHI's Custom Harvester Analysis and Management Program (CHAMP)." White paper prepared for and presented at USCHI Annual Meeting, March 4-7, 1999, Colorado Springs, CO.
129. **Dhuyvetter, K.** "Keeping Farm Records – An Example Using Quicken." December 1998.
130. Kastens, T. and **K. Dhuyvetter**. "Pilot Financial Management Program Economic Analysis: 1998 USCHI Survey." White paper prepared for and presented at USCHI Annual Meeting, March 6-7, 1998, Wichita Falls, TX.
131. **Dhuyvetter, K.** and T. Kastens. "Economics of Dryland Cropping Systems in the Great Plains." White paper prepared for and presented at Monsanto 1998 Direct Seed Technology Meeting, Fort Collins, CO. February 10, 1998. This paper was also handed out at a number of winter extension meetings in western Kansas.
132. **Dhuyvetter, K.C.** "Agricultural Commodity & Land Prices Reference Book." 1998, 1997, 1996, 1994, 1992, 1991.
133. **Dhuyvetter, K.** 1991. "Managing Price Risk, Was It Possible This Summer?" *Analysis and Comments*, Western Livestock Marketing Information Project, Letter #49.
134. Co-author of more than 10 posters presented at regional or national agronomy, weed science, and entomology meetings.
135. Author/co-author of numerous extension newsletters (e.g., \$mart \$ell, Ag Update), news releases, and white papers to accompany presentations.

### **Website and Computer Software:**

I play a major role in the departmental *www.agmanager.info* website as both a contributor and advisor. In addition to posting extension bulletins, white papers, and presentations to the website, I have a number of Excel spreadsheets and online tools (flash files) on the website that I have either authored or co-authored covering topics such as land, machinery, cattle, hogs, crops, and insurance. The following is a listing of the spreadsheets and online tools currently posted to *agmanager.info*:

#### **LAND RELATED**

- KSU-CRP HAYorGRAZE.xls (supplemental paper – MF-2657)
- CRP\_Managed-Hay.swf – standalone online tool
- KSU-Landbuy.xls (supplemental paper – Valuing and Buying U.S. Farm Land)
- KSU-Lease.xls (supplemental paper – KSU-Lease)
- Flexrent.xls (supplemental paper – Flex rent)
- FlexRent.swf – standalone online tool

#### **MACHINERY RELATED**

- KSU-GPSguidance.xls
- KSU-MachCost.xls (supplemental paper – MF-2583)
- OwnBaler.xls (supplemental paper – OwnBaler)
- OwnCombine.xls

- OwnTractor.xls (supplemental paper – OwnTractor)
- OwnSpray.xls (supplemental paper – OwnSpray)

#### CROP RELATED

- Bermuda Hay Economics.xls
- Fescue-Legume Hay Economics.xls
- KSU-FertCostCalc.xls
- Fertilizer\_Calculator.swf – standalone online tool
- KSU-NPI\_CropBudgets.xls
- KSU-OptionStrategies.xls
- FarmManagementGuides-Crops.xls
- Economics of spraying crops.xls
- CropSpray.swf – standalone online tool
- KSU-Tillage.xls
- Value of Water Rights-Rent Approach.xls
- GrainSeasonals.xls
- InsuranceSim.xls (supplemental paper – InsuranceSim)
- KSU Crop budgets.xls (supplemental paper – Crop Farm Management Guides)
- KSU Irrigation Energy Cost.xls
- Irrigation-Cost.swf – standalone online tool
- Certified seed.xls (supplemental paper – MF-2498)
- On-farm storage.xls (supplemental paper – MF-474)

#### LIVESTOCK RELATED

- FeederCattleRiskMgmtTool.xls
- SilageStorage\$.xls
- KSU-Angus Bull Prices.xls (supplemental paper – MF-2664)
- CattleSeasonalsCash.xls
- KSU-Graze.xls (supplemental paper Grazing leases)
- PastureRents.swf – standalone online tool
- KSU-Beef (kcd).xls (supplemental paper – Beef Farm Management Guides)
- RFID costs.xls (supplemental paper A Guide for Electronic Identification of Cattle)
- Buy-sell.xls
- Cattlebuysell.swf – standalone online tool
- Price slides.xls (supplemental paper – MF-2504)
- Cowlease.xls (supplemental paper – MF-2163)
- SEW formula.xls (supplemental paper – MF-2221)

Designed and developed the economic analysis component of the Soybean Rust Yield Loss Prediction Tool – This is a multi-state/multi-country effort examining the impact of soybean rust. The online tool can be found at <http://dept.ca.uky.edu/sbrtool/sbr21/sbrhome.html>

The following is a listing of papers/spreadsheets previously authored that are not currently posted on [www.agmanager.info](http://www.agmanager.info):

- Dhuyvetter, K.** "Wheat graze.xls" Spreadsheet to evaluate the economics of grazing wheat.
- Dhuyvetter, K.C.** and D Blasi. "SUPPCOST" (includes 20 page documentation). South Central Area Extension Office, Kansas State University Cooperative Extension Service, Class B Software, November, 1996.
- Dhuyvetter, K.C.** and M.R. Fausset. "COWLEASE" (companion program to bulletin MF-2163). Northeast Area Extension Office, Kansas State University Cooperative Extension Service, Class B Software, August, 1995.
- Dhuyvetter, K.C.** and M.D. Tokach. "FEEDBDGT" (includes 10 page documentation). Northeast Area Extension Office, Kansas State University Cooperative Extension Service, Class B Software, August, 1995.
- Dhuyvetter, K.C.** "IRRIGATE" Southwest Research-Extension Center, Kansas State University Cooperative Extension Service, Class B Software, December, 1993.
- Dhuyvetter, K.C.** and M.E. Nelson. "MFCROPS" Southwest Research-Extension Center, Kansas State University Cooperative Extension Service, compiled spreadsheet program distributed to county agents, October, 1994.
- Dhuyvetter, K.C.** "IRR-COST" Southwest Research-Extension Center, Kansas State University Cooperative Extension Service, Class B Software, September, 1993.
- Dhuyvetter, K.C.** "WHTGRAZE" Southwest Research-Extension Center, Kansas State University Cooperative Extension Service, Class B Software, September, 1993.
- Sloderbeck, P.E. and **K.C. Dhuyvetter.** "CORN-BOR" Southwest Research-Extension Center, Kansas State University Cooperative Extension Service, Class B Software, July, 1993.
- Dhuyvetter, K.C.** "BUY-SELL" Southwest Research-Extension Center, Kansas State University Cooperative Extension Service, Class B Software, May, 1993.
- Dhuyvetter, K.C.** "PASTURE" Southwest Research-Extension Center, Kansas State University Cooperative Extension Service, Class B Software, May, 1993.
- Dhuyvetter, K.** "Storage Strategies Analysis." Kansas State University, Cooperative Extension Service, T-014, July, 1992.
- Dhuyvetter, K.** "Buying Strategies Analysis." Kansas State University, Cooperative Extension Service, T-012, November, 1990.
- Dhuyvetter, K.** "Selling Strategies Analysis." Kansas State University, Cooperative Extension Service, T-011, November, 1990.

## GRANTS

### Grants funded 2009

Livestock and Meat Industry Council. "Support for Kansas State University Membership, Active Participation, and Leadership in International agri benchmark Program."

**Dhuyvetter, K.**, M. Langemeier, and T. Schroeder. Funds committed: \$7,500 per year for three years.

Sustainable Agriculture and Natural Resource Management Collaborative Research Support Program (SANREM-CRSP). "Improving Soil Quality and Crop Productivity through Farmers Tested and Recommended Conservation Agricultural Practices in Cropping Systems of West Africa". Prasad, P.V.V., S.A. Staggenborg, T.J. Dalton, **K. Dhuyvetter**, C.W. Rice, D.R. Presley, K. Garrett, A. Jumponnen, T. Selfa, N. Lilja (plus others from Ghana and Mali). Amount: \$1,350,000 (2009-2014).

### Grants funded 2008

Kansas Department of Agriculture, Kansas Corn Commission. "Extension and Applied Research Programs for Kansas Corn Production." Roozeboom, K., B. Gordon, W. Heer and **K. Dhuyvetter**. Funds received: \$8,988.

RMA Commodity Partnerships Small Sessions. "Developing Web-Based Decision Tools and RSS Feeds on *AgManager.info*". Llewelyn, R.V. and **K.C. Dhuyvetter**. Amount: \$9,999.

### Grants Funded - 2007

United States Department of Agriculture (USDA) Animal and Plant Health Inspection Services (APHIS) Veterinary Services (VS). "Benefit Cost Analysis of the National Animal Identification System." T. Schroeder, D. Blasi, **K. Dhuyvetter**, J. Stroade. Funds received: \$499,462.

United States Department of Agriculture (USDA) Risk Management Agency (RMA) – Commodity Partnerships for Risk Management Education. "Cattle Risk Management in Iowa for Today's Producers." Mintert, J., **K. Dhuyvetter**, and R. Llewelyn. Funds received: \$97,307.

Kansas Crop Improvement Association. "Who Plants Certified Seed in Kansas, and Why Do They Plant It? The Determinants of Certified Wheat Seed Purchases in Kansas." Barkley, A., **K. Dhuyvetter**, and B. Olson. Funds received: \$2,000.

Kansas Department of Agriculture, Kansas Corn Commission. "Extension and Applied Research Programs for Kansas Corn Production." Roozeboom, K., B. Gordon, W. Heer and **K. Dhuyvetter**. Funds received: \$7,900.

### Grants Funded - 2006

United States Department of Agriculture (USDA) Risk Management Agency (RMA) – Commodity Partnerships for Risk Management Research. "Research and Development of a Water Allocation Risk Analysis Tool (WARAT)." **Dhuyvetter, K.**, B. Golden, T. Kastens, and J. Peterson and Custom Ag Solutions (CAS). Funds received: \$698,952.

United States Department of Agriculture (USDA) Risk Management Agency (RMA) – Commodity Partnerships for Risk Management Education. "Cattle Risk Management in Kansas for Today's and Tomorrow's Producers." Mintert, J., **K. Dhuyvetter**, and Custom Ag Solutions (CAS). Funds received: \$147,349.

National Animal Identification System (NAIS) Field Trials and Research Projects. "Impact of Environmental Interferences and Performance Variation on RFID Transponder and Transceiver Reliability and Economic Assessment of RFID Technology Implementation

in Animal Production Environments.” Teagarden, G., D. Blasi, **K. Dhuyvetter**, and T. Schroeder. Funds received: \$441,430 (KS Department of Commerce provided an additional \$30,000 for economic portion of study).

Kansas Department of Agriculture, Wheat Commission. “Improving Wheat Yields After Grain Sorghum Through Proper Crop Termination.” Staggenborg, S., D. Leikam, J.P. Shroyer, W. Heer, and **K. Dhuyvetter**. Funds received: \$30,500.

Kansas Department of Agriculture, Wheat Commission. “Nitrogen Fertilizer Management of Winter Wheat.” Mengel, D., D. Leikam, S. Staggenborg, and **K. Dhuyvetter**. Funds received: \$40,000.

Kansas Energy Council. “Energy Use in Kansas Agriculture.” Kastens, T., **K. Dhuyvetter**, J. Mintert, and R. Nelson. Funds received: \$75,000.

Southern Kansas Cotton Growers. “Strategies for Flex Cotton Glyphosate Applications.” Wolf, R. D. Peterson, S. Staggenborg, and **K. Dhuyvetter**. Funds received: \$8,500.

### **Grants Funded - 2005**

United States Department of Agriculture (USDA) Risk Management Agency (RMA) – Commodity Partnerships for Risk Management Education. “Federal Risk Management Program Training for Nevada Producers.” Custom Ag Solutions (CAS), Mintert, J., G.A. Barnaby, and **K. Dhuyvetter**. Funds received: \$207,992.

United States Department of Agriculture (USDA) Risk Management Agency (RMA) – Commodity Partnerships for Risk Management Research. “Research and Development of a Cattle Basis Risk Analysis Tool (CBRAT).” Custom Ag Solutions (CAS), **K. Dhuyvetter**, J. Mintert, and T. Kastens.

USDA Regional IPM – North Central. “In-field Decision Making Tool for Site-specific Weed Management.” Dille, J.A., P.W. Stahlman, and **K.C. Dhuyvetter**. Funds received: \$92,500.

Kansas Department of Agriculture, Soybean Commission. “Determining Profitable Soybean Planting Systems in Kansas.” Staggenborg, S., R. Taylor, and **K. Dhuyvetter**. Funds received: \$24,500.

Kansas Department of Agriculture, Wheat Commission. “Developing Recommendations for No-till Wheat After Wheat.” Staggenborg, S., J. Shroyer, J. Stack, **K. Dhuyvetter**. Funds received: \$29,500.

### **Grants Funded - 2004**

Kansas Water Resources Institute. “Developing an Economic Tool to Predict the Value of Water Rights.” Golden, B., T. Kastens, **K. Dhuyvetter**, and J. Peterson. Funds requested: \$30,000 (one year).

USDA-Risk Management Agency (RMA). “Combining Livestock Risk Protection Insurance with Private Market Tools for Effective Cow-Calf Risk Management Plan.” J. Mintert, G.A. Barnaby, **K. Dhuyvetter**, and C. Simons. Funds received: \$149,962.

Kansas Department of Agriculture, Corn Commission. “AgManager.info: Corn Basis and Other Farm Management and Marketing Information.” **Dhuyvetter, K.**, T. Kastens, and M. Taylor. Funds received: \$9,300.

Kansas Department of Agriculture, Wheat Commission. “Developing Recommendations for No-till Wheat After Wheat.” Staggenborg, S., J. Shroyer, J. Stack, **K. Dhuyvetter**, and A. Schlegel. Funds received: \$29,500.

American Angus Association. “Estimating the Economic Values Associated with EPDs of Angus Bulls.” **Dhuyvetter, K.**, T. Turner, and T. Marston. Funds received: \$3,750.

### **Grants Funded - 2003**

American Angus Association. "Estimating the Economic Values Associated with EPDs of Angus Bulls." **Dhuyvetter, K.**, T. Turner, and T. Marston. Funds received: \$3,750.

### **Grants Funded - 2002**

#### **Grants Funded - 2001**

Kansas Department of Agriculture, Corn Commission. "Intensive Farm Management Education for Kansas Crop Producers." Bernardo, D., M. Boland, **K. Dhuyvetter**, and T. Kastens. Funds received: \$18,000 (additional funds from administration \$12,000).

#### **Grants Funded - 2000**

EPA/NSF/USDA. "An Integrated Approach to Watershed Management." Schmidt, J., T. Kastens, **K. Dhuyvetter**, G. Pierzynski, and P. Kalita. Funds received: approximately \$750,000 (\$193,117 net after overhead to Ag. Econ.). Funding withdrawn due to lack of funds at EPA/NSF/USDA.

Kansas Department of Agriculture, Sorghum Commission. "Market Research on Grain Sorghum." Boland, M. and **K. Dhuyvetter**. Funds received: \$14,176.

Kansas Department of Agriculture, Soybean Commission. "Market Research on Value-Enhanced Soybeans." Boland, M. and **K. Dhuyvetter**. Funds received: \$10,257.

Kansas Department of Agriculture, Corn Commission. "Market Research on Value-Enhanced Corn." Boland, M., T. Herrman, and **K. Dhuyvetter**. Funds received: \$18,959.

Kansas Department of Agriculture, Wheat Commission. "Current Economic Issues for Hard White Wheat in Kansas." Boland, M. and **K. Dhuyvetter**. Funds received: \$10,000.

#### **Grants Funded - 1999**

Integrated Agricultural Management Systems (IAMS). "Field-Scale Verification of Best Management Practices (BMPs) to Improve Water Quality in the Blue River Basin – Washington County Site." Regehr, D.L., P.L. Barnes, D.L. Devlin, R.E. Lamond, K. McVay, G.J. Kluitenberg, C.W. Rice, K. Xia, W.B. Gordon, S.A. Staggenborg, **K.C. Dhuyvetter**, J.L. Tate, M.L. Vogt. Funds received: \$35,603.

Integrated Agricultural Management Systems (IAMS). "Integrated Agricultural Management Systems to Improve the Quality of Kansas Surface Waters: Economic and Policy Analysis Framework." Bernardo, D., **K. Dhuyvetter**, R. Jones, T. Kastens, and M. Langemeier. Funds received: \$20,982.

Kansas Department of Agriculture, Sorghum Commission. "Market Research on Value-Enhanced Grain Sorghum." Boland, M. and **K. Dhuyvetter**. Funds received: \$14,176.

Kansas Department of Agriculture, Soybean Commission. "Market Research on Value-Enhanced Soybeans." Boland, M. and **K. Dhuyvetter**. Funds received: \$10,257.

Kansas Department of Agriculture, Corn Commission. "Value Added Marketing of Corn." Boland, M., T. Herrman, and **K. Dhuyvetter**. Funds received: \$18,964.

Kansas Department of Agriculture, Corn Commission. "Environmental Stress Impacts on High Oil Corn Yields." L.D. Maddux, S.A. Staggenborg, W.B. Gordon, D.L. Fjell, and **K.C. Dhuyvetter**. Funds received: \$6,000.

Kansas Department of Agriculture, Corn Commission. "Assessing the role of Infrared Images and Yield Maps in Corn Production." Staggenborg, S.A., R.K. Taylor, D.L. Fjell, and **K.C. Dhuyvetter**. Funds received: \$15,000.

Kansas Department of Agriculture, Soybean Commission. "Evaluating Roundup-Ready Soybean Yield Potential under Different Weed Management Strategies." Staggenborg,

S.A., W.B. Gordon, D.L. Fjell, **K.C. Dhuyvetter**, and D.E. Peterson. Funds received: \$8,000.

### **Grants Funded - 1998**

University of Kansas, Kansas Applied Remote Sensing Program. "Using NASA EOS Data to Predict Economic Well-Being in Kansas Agriculture." Kastens, T. and **K. Dhuyvetter**. Funds received: \$150,000.

KCARE. "Integrated Agricultural Management Systems: Using Best Management Practices to Improve the Quality of Kansas Surface Waters, Part I. Economic and Policy Analysis Framework." Bernardo, D., **K. Dhuyvetter**, S. Hamilton, R. Jones, T. Kastens, and M. Langemeier. Funds received: (amount unknown).

Kansas Department of Agriculture, Corn Commission. "Environmental Stress Impacts on High Oil Corn Yields." Maddux, L.D., S.A. Staggenborg, W.B. Gordon, D.L. Fjell, and **K.C. Dhuyvetter**. Funds received: \$6,000.

Kansas Department of Agriculture, Corn Commission. "Influence of Row Spacing and Plant Population on Corn Production." Gordon, W.B., D. Fjell, V. Martin, S. Staggenborg, and **K. Dhuyvetter**. Funds received: \$8,020.

Kansas Department of Agriculture, Soybean Commission. "Evaluating Roundup-Ready Soybean Yield Potential under Different Weed Management Strategies." Staggenborg, S.A., W.B. Gordon, D.L. Fjell, **K.C. Dhuyvetter**, and D.E. Peterson. Funds received: \$8,000.

Kansas Department of Agriculture, Corn Commission. "Assessing the role of Infrared Images and Yield Maps in Corn Production." Staggenborg, S.A., R.K. Taylor, D.L. Fjell, and **K.C. Dhuyvetter**. Funds received: \$15,000.

### **Grants Funded - 1997**

Kansas Department of Agriculture, Corn Commission. "The Effect of Variable Rate-Precision Planting on Corn Yields." Staggenborg, S.A., R.K. Taylor, D.L. Fjell, W.B. Gordon, B.H. Marsh, and **K.C. Dhuyvetter**. Funds received: \$13,200.

Kansas State University and Kansas Department of Health and Environment. "Black Vermillion Dairy Environmental Cooperative." Harner, J.P., D. Key, M. Vogt, D. Whitney, and **K. Dhuyvetter**. Funds received: \$250,000.

### **Grants Funded - 1996**

Kansas Department of Agriculture, Corn Commission. "The Effect of Variable Rate-Precision Planting on Corn Yields." Staggenborg, S., D. Fjell, D. Devlin, W. Gordon, B. Marsh, and **K. Dhuyvetter**. Funds received: \$9,220.

Kansas Agricultural Experiment Station, Fertilizer Research Fund. "Impact of Conservation Compliance on Nitrogen Recommendations for Dryland Winter Wheat." Schlegel, A.J., J.L. Havlin, and **K.C. Dhuyvetter**. Objectives: Recalibrate the profile N soil test for dryland wheat under reduced tillage; compare the N calibrations for surface and subsurface N applications; contrast fall and spring N applications; and determine the economic optimum N rate. Final year. Funds received: \$8,500.

Kansas Department of Agriculture, Corn Commission. "Management of Corn Insect Pest by Changing Corn Maturity and Planting Date." Buschman, L, **K. Dhuyvetter**, P. Sloderbeck, and T. Trooien. Objectives: Determine the interaction of corn hybrid maturity, planting date, irrigation amount, and pest control on grain yields, insect infestations, and economic returns for irrigated corn. Funds received: \$22,500.

National Sunflower Association. "Integrated Weed Control Systems for Dryland Sunflower." Schlegel, A.J., C.R. Thompson, and **K.C. Dhuyvetter**. Objectives: Determine production and economic feasibility of chemical and mechanical weed control systems; and evaluate the effect of plant population on weed control. One year. Funds received: \$2,000.

Kansas Department of Agriculture, Corn Commission. "The Effect of Corn Hybrid Maturity, Planting Date, and Plant Population on Grain Yields, Weed Infestations, and Diseases in No-till Planted Dryland Corn." Fjell, D., S. Staggenborg, W. Gordon, J. Shroyer, B. Marsh, D. Jardine, **K. Dhuyvetter**. Objectives: To determine the interaction of corn hybrid maturity, planting date, and plant population on grain yields, weed infestations, and diseases in to-till planted dryland corn. Funds received: \$13,118.

Kansas Department of Agriculture, Sorghum Commission. "The Effect of Hybrid Maturity, Planting Date, Plant Population, and Row Spacing on Grain Yields, Weed Infestations, and Diseases in Grain Sorghum." Fjell, D., S. Staggenborg, W. Gordon, J. Shroyer, B. Marsh, D. Jardine, **K. Dhuyvetter**. Objectives: To determine the interaction of hybrid maturity, planting date, plant population, and row spacing on grain yields, weed infestations, and diseases in grain sorghum. Funds received: \$13,118.

### **Grants Funded - 1995**

Kansas Agricultural Experiment Station, Fertilizer Research Fund. "Impact of Conservation Compliance on Nitrogen Recommendations for Dryland Winter Wheat." Schlegel, A.J., J.L. Havlin, and **K.C. Dhuyvetter**. Objectives: Recalibrate the profile N soil test for dryland wheat under reduced tillage; compare the N calibrations for surface and subsurface N applications; contrast fall and spring N applications; and determine the economic optimum N rate. Funds received: \$8,500.

National Sunflower Association. "Integrated Weed Control Systems for Dryland Sunflower." Schlegel, A.J., C.R. Thompson, and **K.C. Dhuyvetter**. Objectives: Determine production and economic feasibility of chemical and mechanical weed control systems; and evaluate the effect of plant population on weed control; determine the feasibility of including sunflower into dryland cropping systems. Funds received: \$2,000.

Kansas Department of Agriculture, Corn Commission. "Management of Corn Insect Pest by Changing Corn Maturity and Planting Date." Buschman, L, **K. Dhuyvetter**, and P. Sloderbeck. Objectives: Determine the interaction of corn hybrid maturity, planting date, irrigation amount, and pest control on grain yields, insect infestations, and economic returns for irrigated corn. Funds received: \$22,500.

Kansas Department of Agriculture, Corn Commission. "The Effect of Corn Hybrid Maturity, Planting Date, and Plant Population on Grain Yields, Weed Infestations, and Diseases in No-till Planted Dryland Corn." Devlin, D., D. Fjell, J. Shroyer, W. Gordon, B. Marsh, D. Jardine, **K. Dhuyvetter**. Objectives: To determine the interaction of corn hybrid maturity, planting date, and plant population on grain yields, weed infestations, and diseases in to-till planted dryland corn. Funds received: \$13,118.

Kansas Department of Agriculture, Sorghum Commission. "The Effect of Hybrid Maturity, Planting Date, Plant Population, and Row Spacing on Grain Yields, Weed Infestations, and Diseases in grain Sorghum." Devlin, D., W. Gordon, D. Fjell, J. Shroyer, D. Jardine, **K. Dhuyvetter**. Objectives: To determine the interaction of hybrid maturity, planting date, plant population, and row spacing on grain yields, weed infestations, and diseases in grain sorghum. Funds received: \$13,118.

### **Grants Funded - 1994**

Kansas State Board of Agriculture, Kansas Sorghum Commission. "Increasing the use of Grain Sorghum in Kansas Feedlot Cattle Rations: Survey of Current Feeder Attitudes of Grain Sorghum Feed Value, Cultivar Types and Processing Methods." Eck, T.P., **K.C. Dhuyvetter**, G.L. Kuhl and D.D. Simms. Funds received: \$7,750.

Kansas State Board of Agriculture, Kansas Corn Commission. "Low Pressure In-canopy Sprinkler Management for Corn on Slope Over 1 Percent." Spurgeon, W., D. Rogers, and **K. Dhuyvetter**. Funds received: \$19,918.

Kansas State Board of Agriculture, Kansas Corn Commission. "Assessing the Integration of Several Control Tactics to Manage Spider Mites on Corn." Buschman, L., W. Spurgeon, P. Sloderbeck, and **K. Dhuyvetter**. Funds received: \$22,500.

North Central Region IPM. "Management of Corn Insect Pests by Changing Corn Maturity and Planting Date." Buschman, L., W. Spurgeon, P. Sloderbeck, and **K. Dhuyvetter**. Funds received: \$25,525.

Kansas Fertilizer Research Fund. "Fertilizer Management of Reduced Tillage Dryland Winter Wheat." Schlegel, A.J., J.L. Havlin, and **K.C. Dhuyvetter**. Funds received: \$8,500.

KSU Ag Telefund Special Projects Grant. "The Water-Saver Network - A Dryland Conservation Technology Directory." Kok, H. and **K. Dhuyvetter**. Funds received: \$690.

Extension Mini-Grant Proposal. "Educational Program for Dryland Cropping Systems in Western Kansas." **Dhuyvetter, K.C.** C.R. Thompson, and A.J. Schlegel. Funds received: \$1,000.

Agriculture, Water, and Environment Forum. "Travel grant for irrigation conference in Orlando, FL." **K.C. Dhuyvetter**. Funds received: \$700.

### **Grants Funded - 1993**

Extension Endowment Fund of Epsilon Sigma Phi. "Enhancement of Extension Educational Program Using the Fed Cattle Market Simulator." Mintert, J., M. Langemeier, and **K. Dhuyvetter**. Funds received: \$1,000.

Kansas State Board of Agriculture, Kansas Soybean Commission "Effect of a Previous Soybean Crop and Nitrogen Fertilizer on Irrigated Corn and Grain Sorghum Production and Profitability." Schaffer, J., A. Schlegel, and **K. Dhuyvetter**. Funds received: \$5,000.

Kansas State Board of Agriculture, Kansas Corn Commission. "Tillage, Irrigation, and Hybrid Maturity Class Effects on Corn Production." Schlegel, A., F. Lamm, W. Spurgeon, J. Lawless, B. Gordon, D. Fjell, **K. Dhuyvetter**, and M. Nelson. Funds received: \$20,000.

Kansas State Board of Agriculture, Kansas Corn Commission. "Assessing the Integration of Several Control Tactics to Manage Spider Mites in Corn." Margolies, D., G. Wilde, G. Dick, P. Sloderbeck, W. Spurgeon, and **K. Dhuyvetter**. Funds received: \$37,000.

Kansas Fertilizer Research Fund. "Fertilizer Management for Reduced Tillage Dryland Winter Wheat." Schlegel, A., J. Havlin, and **K. Dhuyvetter**. Funds received: \$8,500.

### **Grants Funded - 1992**

Kansas Agricultural Experiment Station, Fertilizer Research Fund. "Agronomic, Environmental, and Economical Effects of Long Term Fertilizer Applications." Schlegel, A., C. Rice, and **K. Dhuyvetter**. Funds received: \$8,000.

Kansas State Board of Agriculture, Kansas Soybean Commission. "Effect of a Previous Soybean Crop and Nitrogen Fertilizer on Irrigated Corn and Grain Sorghum Production and Profitability." Schlegel, A., Schaffer, J., and **K. Dhuyvetter**. Funds received: \$5,000.

Kansas State Board of Agriculture, Kansas Corn Commission. "Tillage, Irrigation, and Hybrid Maturity Class Effects on Corn Production." Schlegel, A., F. Lamm, W. Spurgeon, J. Lawless, B. Gordon, D. Fjell, **K. Dhuyvetter**, and M. Nelson. Funds received: \$20,000.

Kansas State Board of Agriculture, Kansas Corn Commission. "Assessing the Integration of Several Control Tactics to Manage Spider Mites in Corn." Margolies, D., G. Wilde, G. Dick, P. Sloderbeck, W. Spurgeon, and **K. Dhuyvetter**. Funds received: \$37,000.

### **Grants Funded - 1991**

Kansas State Board of Agriculture, Kansas Soybean Commission. "Effect of a Previous Soybean Crop and Nitrogen Fertilizer on Irrigated Corn and Grain Sorghum Production and Profitability." Schlegel, A., Schaffer, J., and **K. Dhuyvetter**. Funds received: \$5,000.

Kansas Fertilizer Research Fund. "Agronomic, Environmental, and Economical Effects of Long Term Fertilizer Applications." Schlegel, A. and **K. Dhuyvetter**. Funds received: \$8,000.