

Curriculum Vita

Kimberly J Clark

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Education

Institution and Location	Degree	Year	Field of Study
University of Nebraska-Lincoln Lincoln, NE	M.Ag.	2009	Animal Science and Agriculture Leadership Minor: Agriculture Economics
University of Nebraska-Lincoln	B.S.	2006	Animal Science (Science Option)

Previous Employment

Dairy Extension Educator University of Nebraska-Lincoln,	July 2015- Present
Director of Education and Biofuels Development, Nebraska Corn Board	2011-July 2015
Research Project Coordinator, University of Nebraska-Lincoln	2009-2011
Graduate Assistant, University of Nebraska-Lincoln	2007- 2009

Memberships & Affiliations

Nebraska Agribusiness Club
Nebraska Cooperative Extension Association
Grow Nebraska Dairy Team
Nebraska State Dairy Association, Ex-Officio
American Dairy Science Association

Extension Accomplishments

Dairy Extension Advisory Committee

Originated this committee to collect input related to dairy extension programs and workshop in Nebraska. This committee consists of UNL faculty, dairy producers, nutritionists and consultants, veterinarians, dairy supply companies and a milk cooperative.

I-29 Moo University

This five state consortium of Extension Educators and Specialists and state dairy associations from Iowa, Minnesota, Nebraska, North Dakota and South Dakota coordinated a heifer growers tour in October 2015 touring four heifer growing facilities in southwest Minnesota and northwest Iowa with 90 dairy producers and university faculty in attendance. In January 2016, this group organized a winter workshop series titled "What is Your Pregnant Cow Worth?" This week long series hosted workshops in North Dakota, South Dakota, Minnesota, Iowa and Nebraska. 150 dairy producers, students, veterinarians, dairy consultants and university faculty were in attendance.

Dairy Website – Dairy.unl.edu

- Co-developed the dairy website in 2016 along with Dr. Paul Kononoff for Nebraska dairy producers.
- Managed the day-to-day content and updates to the website.

Newsletter

A. **Moosletter**: This monthly newsletter targeted at Nebraska dairy producers and allied industry members originated in September 2015 and receives 250 views, on average, each month.

B. **Moo University**: This monthly newsletter targeted at dairy producers in the Upper Midwest began in October 2015 and is coordinated by extension educators and specialists from Iowa, Minnesota, Nebraska, North Dakota and South Dakota. 650 dairy producers and industry members view this newsletter each month, on average.

Social Media

Originated Twitter and Facebook social media accounts

Twitter: @NEDairyExt activated September 2015 – 80 Followers

Facebook: NEDairyEXT activated December 2015 – 117 Likes

YQCA

Youth for the Quality Care of Animal curriculum reviewer – 2015

-This national quality care program developed new curriculum for youth ages 8-21 focusing on food safety, animal well-being and life skills.

I-29 Dairy Extension Consortium

Served as chairperson for the 2011 I-29 Dairy Conference and collaborated with Extension Specialists and Extension Educators from University of Nebraska-Lincoln, South Dakota State University, North Dakota State University, Iowa State University, and University of Minnesota to plan the annual I-29 Dairy Conference and develop leadership and educational workshops for dairy producers along the I-29 corridor; oversaw a \$20,000 budget, agenda, theme, and program objectives for the two day conference along with I-29 colleagues and communicated with speakers, attendees and others

UNL Dairy Education Day

Executed the program by planning and coordinating the educational program along with Dr. Paul Kononoff and the Nebraska State Dairy Association in 2008, 2009, 2010. Organized events such as poster presentations by graduate students, dairy facility tours, and presentations by program speakers

Quality Assurance----Youth 4-H

Designed, coordinated and planned 2008 Youth Quality Assurance Program. Implemented new modules: 1) Dairy 2) Rabbits and Poultry. Designed, created and established 8 learning activities for use in the Quality Assurance training and conducted training session for Nebraska 4-H and Extension Educators

Certifications

FARM certified evaluator and trainer, National Dairy Farm Program: Farmers Assuring Responsible Management, National Milk Producers Federation. Certification to be completed February 2016.

Publications

Castillo-Lopez, E., **K. J. Clark**, H. A. Ramirez Ramirez, T. H. Klusmeyer, G. F. Hartnell, and P. J. Kononoff. 2014. Performance of dairy cows fed silage and grain produced from second-

generation insect-protected (B.t.) corn (MON 89034), compared to parental line corn or reference corn. *J. Dairy Sci.* 14:7894.

Clark, K. J., P. J. Kononoff, L. O. Tedeschi. 2010. Evaluation of estimated diet energy intake and impact on energy use of the lactating dairy cow. *J. Dairy Sci.* 93(Suppl 1): 719.

Ramirez–Ramirez, H. A., A. R. Geis, C. S. Heine, **K. J. Clark**, A. M. Gehman, and P. J. Kononoff. 2010. Study of storage conditions of wet corn distillers grains with solubles when stored with other feeds and understanding effects on performance of lactating dairy cows. *J. Dairy Sci.* *Submitted.*

Clark, K. J. and P. J. Kononoff. 2009. How to formulate lactating dairy rations to include corn milling co-products. University of Nebraska-Lincoln Extension Publication G1999.

Machacek, K. J. and P. J. Kononoff. 2009. The relationship between acid detergent insoluble nitrogen and nitrogen digestibility in lactating dairy cattle. *J. Prof. Anim. Sci.* 75:701-708.

2009. Second Annual Dairy Education Day. Approval 9/21/2009. Additional Team Members: Jeff Keown and **Kimberly Machacek**. Action Plan: Food Production & Natural Resource Systems.

Kononoff, P. J., A. M. Gehman, **K. J. Machacek**. 2008. Utilization of corn co-products in the dairy industry: Feeding distillers grains plus solubles to lactating dairy cattle. Nebraska Corn Board. Original Publication.

Kononoff, P. J. and **K. J. Machacek**. 2008. Corn silage considerations when feeding corn milling co-products. Four State Dairy Nutrition and Management Conference p 9-14.

Machacek, K. J. and P. J. Kononoff. 2008. Demonstration of a formulation approach to include corn-milling co-products in lactating dairy rations. *J. Dairy Sci.* 91:(Suppl 1):22.

2008. Annual Dairy Open House and Education Day. Approval 9/18/2008. Additional team members: David R. Smith, Jeff Keown, **Kimberly Machacek**. Action Plan: Food Production & Natural Resource Systems.

Volunteer Experience

St. Vincent de Paul Catholic Church-annual church fundraiser committee	2012-Present
St. Vincent de Paul Catholic Church-religious education instructor	2011-2012
Agriculture Awareness Festival- Program Presenter, Mead, NE	2008-2010
4-H Rabbit Clinic-Program Presenter, Fremont, NE	2008
State FFA Contest-Judge for Agriculture Sales Competition, Lincoln, NE	2008
Pase Contest-Judge for Quiz Bowl, Lincoln, NE	2008