14th Annual MAC Regional Dairy Extension In-service Training Program  
Woodlands Inn and Resort, Wilkes-Barre, PA  
May 23 and 24, 2012

**Feed Management; Farm Family Communication; Cows, Crops, and Manure; Calf Housing Management; and Working Effectively with Dairy Veterinarians**

Registration: 10:30 a.m. -12:30 p.m., Dave Marcinkowski, University of Maine, Orono

**Wednesday, May 23**

**Session I**  
**Moderator:** Larry Chase, Cornell University, Ithaca

1:00 p.m. Welcome – Bob Peters, University of Maryland, College Park

1:10 p.m. New NRCS 592 Feed Management Standard. What’s been changed?  
Karen Hoffman, USDA-NRCS, Norwich, NY

2:00 p.m. Precision Feed Management Efforts  
Richard A. Kohn, University of Maryland, College Park

2:40 p.m. Precision Feed Management Efforts  
Paul Cerosaletti, Cornell Coop. Extension, Oneonta, NY

3:20 p.m. Break

3:40 p.m. Whole Farm Mass Balance – What Have We Learned?  
Quirine M. Ketterings, Cornell University, Ithaca

4:20 p.m. Exercise on precision feed management with farm data, evaluation and proposed feed management changes.

5:20 p.m. Cash bar

6:00 p.m. Dinner

**Session II**  
Communication Within the Farm Family – What tools are available to improve communication within the family? Presentation and round table discussion.  
Lisa Holden, Pennsylvania State University, University Park  
**Moderator:** Dianne Shoemaker, Ohio State University Extension, Canfield

7:15 p.m.
Thursday, May 24

Session III  Cows, Crops, and Manure, and Calf Management
Moderator:   Sheila Andrew, University of Connecticut, Storrs

8:00 a.m.       Integrating cows, crops and manure
Everett D. Thomas, Oak Point Agronomics, Ltd., Hammond, NY

8:45 a.m.       Cover crops – Where do they fit?
Robert J. Kratochvil, University of Maryland, College Park

9:30 a.m.       Break

9:50 a.m.       Calf feeding and housing systems
Dan McFarland, Penn State Extension, York, PA

Session IV  How to Work Effectively with Veterinarians for Improving Animal Welfare
Moderator:  Bob Van Saun, Pennsylvania State University, University Park

10:30 a.m.     Panel discussion on veterinary care availability and veterinary issues in providing health care (1.5 hr)
3 dairy practitioners at various stages of their careers
10:30 to 10:50 a.m.   Dr. Dean Elliot, Troy, PA
10:50 to 11:10 a.m.  Dr. Ben Laudermilch, Rome, PA
11:10 to 11:30 a.m.  Dr. Jody Kull, Danville, PA

Each practitioner will have 20 minutes to provide their perspectives on current and future veterinary services in rural areas.
Moderated question and answer session (30 min) from audience – discussion on rural veterinary practice support (State and Federal programs)

12:00 p.m.       Lunch

1:00 p.m.     Collaborative producer education programs for extension educators and veterinarians.
Dave Wolfgang, Pennsylvania State University, University Park

Discussion on opportunities for extension educators developing collaborative programs with veterinarians such as Quality Assurance - injection site lesions; Animal treatment protocols; and estrus synchronization programs.
1:30 p.m.  Discussion on antibiotic therapy records and understanding AMDUCA relative to residue avoidance  
Dr. Craig Shultz, State Veterinarian, Pennsylvania Department of Agriculture, Harrisburg

Session V.  Update  
Moderator:  Bill Shockey, W. Virginia University Extension Service, Preston County, Kingwood, WV

2:10 p.m.  Value of Increased Milking Frequency and Practical Tips on Implementation  
Tom Overton, Cornell University, Ithaca

2:50 p.m.  Complete evaluations

3:00 p.m.  Adjourn