Integrating Nutritional Management into Environmental Stewardship
April 15-18, 2007
Abe Martin Lodge  Nashville, Indiana
Sponsored by American Dairy Science Association

Integrating Nutritional Management into Environmental Stewardship will encourage participants to:
- Consider the future challenges of environmental issues and the role of nutrition in meeting environmental objectives.
- Brainstorm future directions of research needed to move beyond current approaches and meet these anticipated changes.
- Put their training into practice through demonstration of tools available and sharing of information of resulting impact on excretion, air emissions and animal performance.

Conference Outcomes:
- Appreciation of the potential and limitations of feed management to influence environmental impact
- A plan for a research agenda that builds on current knowledge and challenges the current approaches to further reduce emissions.
- Dissemination of tools available for putting knowledge into practice.
- CE Credits for certified feed management service providers and ARPA nutritionists.

Who Should Attend?
Nutrition professionals including consultants, sales and advisors, members of both the industry and academic research community, and members of governmental and regulatory agencies who are thinking toward the future. Students and early career professionals are especially encouraged to attend.

Conference Format
The Discover Conference Series was designed to provide a format and venue that encourages in-depth discussion of cutting-edge science. This conference will be enhanced by preparations involving a backcasting approach and the development of future scenarios. Speakers and participants will be actively involved in addressing topics within the scenarios presented by developing nutritional strategies to achieve the desired future outcomes.

ADSA Discover Conferences™ focus on topics of importance to the science of food animal agriculture and are held in a relaxed, informal setting. Sessions for this conference will allow ample time for discussion, networking, recreation and relaxation.

Registration Fee
Registration postmarked by March 15, 2007 is $395.00, which includes sessions and most meals. After March 15, the registration fee will be $495.00 and will be accepted on an availability basis. To optimize interaction among participants, registration will be limited to the first 120 applications received.

Accommodations
The conference will be held at the Abe Martin Lodge in Brown County State Park near Nashville, Indiana. All participants are responsible for making their own lodging reservations. Reservations can be made online at http://www.indianainns.com/, using Conference Code #415R07. You will also be sent a housing form upon receipt of your conference registration, by request, or by visiting the ADSA Discover Conferences™ web site.

Location
The Abe Martin Lodge is nestled in the 15,000 acre Brown County State Park in a beautiful wooded, hilly area near Nashville, Indiana. The park and immediate area offer miles of hiking trails, lakes and golf courses, as well as pool and tennis facilities. Nashville is a popular vacation site because of the pleasant countryside, abundance of artist studios and galleries, and various types of craftsmen.

Travel
The site is about one hour south of the Indianapolis International Airport and is easily accessible from I-65. Shuttle service and rental cars are available at the airport. Advance reservations are necessary for shuttle service. The meeting site is 15 miles off I-65 and is midway between Columbus and Bloomington, Indiana.

For the Latest Conference Information
visit the Discover Web site at:
http://www.adsa.org/discover/
TUESDAY, APRIL 17, 2007

Morning Session V: Improving Animal Efficiencies. Moderator: Michel Wattiaux, University of Wisconsin, Madison
1. Defining Efficiency - Animal vs. Farm-Scale. Michael VandeHaar, Michigan State University
2. Comparative Analysis of Pre- and Post-Absorptive N Metabolism - Pre-Absorption Ron Leng, Australia - Post-Absorption Mark Hannigan, Virginia Tech

Morning Session VI: Animal Nutritional Strategies and Technologies for 2012 and Beyond. Moderator: Roselina Angel, University of Maryland
3. Impact of Enzymes, Additives, Microbials, Beta-Agonists. Mike Bedford, Syngenta Animal Nutrition
5. Genetic Improvements – Potential from a Commercial Perspective. Frank Siewerdt, University of Maryland

Lunch: Groups move to their assigned break out rooms to eat and begin group discussions.

Afternoon Session VII: Breakout Session - The Feasibility of Nutritional Strategies and Approaches for Implementation by 2012. Facilitator: David Beede, Michigan State University

Dinner & Tuesday Evening – free for discussion and dinner on your own as groups

WEDNESDAY, APRIL 18, 2007

Morning Session VIII – Meeting Potential 2017 Environmental Goals. Moderator: Mary Ann Rozum, USDA/CSREES
Panel Discussion: - Roberta Parry, USEPA/NRCS - Ron Leng, Australia - Tom Graham, Veterinary Consulting Services - Stephanie Frankenbach, JBS United, Inc.

Synthesize Discussion and Provide View of World in 2017 – Alan Sutton, Purdue University
Summary of DC12 – David Beede, Michigan State University

Lunch & Adjourn at 1:00 PM

Program Committee
Wendy Powers, Michigan State University, Program Committee Chair
Roselina Angel, University of Maryland
David Beede, Michigan State University
N. Andy Cole, USDA-ARS-CPRRL
Kenneth Eng, Jr., Eng, Inc.
Stephanie Frankenbach, JBS United, Inc.
Scott Radcliffe, Purdue University
Mary Ann Rozum, USDA/CSREES
Michel Wattiaux, University of Wisconsin – Madison
Bill R. Baumgardt, Discover Opportunities
Molly Kelley, Discover Conference Series

DISCOVER Conference Steering Committee
Bill R. Baumgardt, DISCOVER Opportunities, Chair
William Aimutis, Cargill, Inc.
Kathryn Boor, Cornell University
Jonney Clark, University of Illinois (retired)
Harold M. Farrell, Jr., USDA-ARS
Stanley E. Gilliland, Oklahoma State University
Maynard Hogberg, Iowa State University
James W. Lauderdale, Lauderdale Enterprises
Rodney K. Muggeley, Muggeley Dairy Consulting
Larry R. Miller, USDA-CSREES
Caird E. Ruxroad, USDA-ARS
John Shirley, Kansas State University

American Dairy Science Association
Discover Conference Series
Phone: 217/356-5146 Fax: 217/398-4119
Email: adsa-discover@assochq.org
Web site: www.adsa.org/discover/