13th Discover Conference on Food Animal Agriculture: Sow Productive Lifetime
September 9-12, 2007
The Brown County Inn in Nashville, Indiana
Sponsored by American Dairy Science Association in Cooperation with the U.S. Pork Center of Excellence with major funding provided by the National Pork Board

Tentative Conference Schedule
As of May 25, 2007
For the latest program information, go to http://www.adsa.org/discover/

SUNDAY, SEPTEMBER 9, 2007
Registration 4:00 – 6:00 PM
Welcoming Reception/Dinner/Keynote Speaker 6:00 – 8:15 PM
Moderator: Stanley Curtis, University of Illinois
Welcome: Larry R. Miller, ADSA Discover Conferences and David Meisinger, U.S. Pork Center of Excellence
Keynote Speakers: Sow Productive Lifetime: Have we a Problem? John Gadd, England
Segregated Parity Structure in Sow Farms to Capture Nutrition, Management and Health Opportunities. Dean Boyd, Hanor USA

MONDAY, SEPTEMBER 10, 2007
Morning Session I: Economics of SPL
Moderator: Mark A. Mirando, USDA-CSREES-NRI
Modeling How Long Sows Stay in Herd. Derald Holtkamp, Iowa State University
Revenue Opportunities in Sow Culling. Stephanie Rutten, University of Minnesota

Morning Session II: Environment & Housing
Moderator: Ken Stalder, Iowa State University
Housing Systems Overview on SPL. Bjarne Pedersen, Denmark
Parity Segregation of Production Flows to Improve Profit - What we have Learned. Dean Boyd, Hanor USA

Afternoon Session III: Animal Welfare & Behavior
Moderator: Anna Kerr Johnson, Iowa State University
SPL: A Measure of the Animal’s Well-being. Stanley Curtis, University of Illinois
Behavioral Implications for Sow Longevity. Laura Boyle, Ireland
Sow Herd Assessments. Paul Yeske, Swine Veterinary Center, MN

Remainder of afternoon free for informal group discussions and/or recreation

Evening Session IV: Genetics
Moderator: Mark Boggess, National Pork Board
Genetic Influence on Sow Productive Lifetime. Ken Stalder, Iowa State University
Selection for SPL: Where We Are and Where To Go? Timo Serenius, Finland
Got Markers? Retiring Sows at an Old Age. Scott Newman, Pig Improvement Company

TUESDAY, SEPTEMBER 11, 2007
Morning Session V: Health & Physiology
Moderator: Donald C. Lay, Jr., USDA-ARS
A Review of Reported Causes of Sow Mortality. Locke Karriker, Iowa State University
Managing individuals in large populations to increase lifetime productivity. James Lowe, The Maschhoffs, Inc.

**Morning Session VI: Reproductive Performance**
Moderator: D. Steven Polimann, Murphy Brown LLC
*Gilt Development Techniques that Alleviate SPL Concerns.* Joaquin Sporke, Chile
*Gilt Isolation and Acclimation Management.* Dale Rozeboom, Michigan State University
*Influence of Stockpeople and Boars on Lifetime Reproductive Performance of Multiparous Sows – Practical Methods and Needed Research.* Don Levis, University of Nebraska

Afternoon free for informal group discussions and/or recreation

**Evening Session VII: Nutrition**
Moderator: Don Orr, JBS United, Inc.
*Nutrition of the Developing Gilt for Optimal Lifetime Productivity.* Lee Johnston, University of Minnesota
*Gestation & Lactation Nutrition.* Mike Tokach, Kansas State University
*Feeding Systems & Management.* Bjarne Pedersen, Denmark

**WEDNESDAY, SEPTEMBER 12, 2007**

**Morning Session VIII: Stockmanship**
Moderator: Locke Karriker, Iowa State University
*On-Farm Training and Daily Scheduling to Optimize Sow Care.* Tim Loula, Swine Vet Center
*Evaluation of Body Condition and Feet and Leg Soundness on Sow Productive Lifetime.* Ken Stalder, Iowa State University
*Health Protocols on Sow Farms.* Rodger Main, Murphy-Brown
*Individual Sow Care & Treatment.* Paul Yeske, Swine Vet Center, MN

**Conference Summary.** David Meisinger, US Pork Center of Excellence

Adjourn