

**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

*Extending Sow Productive Life: The Science Behind Current Practices Designed to Maximize Breeding Herd Immunity.* James Roth & Butch Baker, Iowa State University

*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 Pollmann, 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