PROCEEDINGS OF THE 45th ANNUAL
FLORIDA DAIRY PRODUCTION
CONFERENCE

Hilton University of Florida Conference Center
Gainesville • Florida • April 29, 2008

Sponsored by the Department of Animal Sciences, Florida Cooperative Extension Service and the Agricultural Experiment Station of the Institute of Food and Agricultural Sciences, with the cooperation of State Dairy Organizations and Allied Industry
Gainesville, April 29, 2008

To: Florida Dairy Producers, Allied Industry and Others
Re: 45th Annual Florida Dairy Production Conference

Welcome to the 45th Annual Florida Dairy Production Conference! This conference provides an opportunity for representatives from all aspects of the Florida Dairy Industry to focus on information and ideas for improving profitability and sustainability of the Florida dairy industry.

The planning committee has planned this program in hopes that you will take home some information that will be of benefit in the planning and operation of your business. The speakers have been chosen with careful consideration for subject matter of timely significance. We believe that their information will be useful to you.

The proceedings are provided as a reference and record of the conference. Additional copies are available by contacting the UF/IFAS Department of Animal Sciences. You will also find the proceedings posted on the Florida Dairy Extension website at http://dairy.ifas.ufl.edu.

Thank you for your participation in the 2008 conference. Please feel free to provide any comments that can be used in planning future Florida Dairy Production Conferences.

Geoffrey E. Dahl
Chair, Department of Animal Sciences

Albert De Vries
Coordinator, 45th Florida Dairy Production Conference
45th Florida Dairy Production Conference
Tuesday April 29, 2008

Hilton University of Florida Conference Center
1714 SW 34th Street
Gainesville, FL 32607

Planning Committee

The Florida Dairy Production Conference is organized by the dairy extension specialists and dairy agents at the University of Florida / IFAS. For more information about the Florida Dairy Production Conference, please contact:

Conference Information
Albert De Vries
UF/IFAS Department of Animal Sciences
Phone: (352) 392-5594 * Fax: (352) 392-5595
E-mail: devries@ufl.edu

Conference Sponsorships
David R. Bray
UF/IFAS Department of Animal Sciences
Phone: (352) 392-5594 * Fax: (352) 392-5595
E-mail: drbray@ufl.edu

Conference Registration
Pam Gross
UF/IFAS Department of Animal Sciences
Phone: (352) 392-1916 * Fax: (352) 392-9059
E-mail: pjg352@ufl.edu

These proceedings were edited by Penny Ann Canino and Albert De Vries. Proceedings from past Florida Dairy Production Conferences are available at the Florida Dairy Extension website at http://dairy.ifas.ufl.edu.
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Program Schedule

Tuesday, April 29, 2008
Florida Dairy Production Conference
Century Ballroom, UF Hilton Hotel, Gainesville

Presiding – Jose Santos, Department of Animal Sciences, University of Florida, Gainesville

9:45  Welcome
Geoffrey Dahl, Chair, Department of Animal Sciences, University of Florida, Gainesville

10:00  Feed Efficiency Opportunities with 2008 Feed Cost
Michael Hutjens, Department of Animal Science, University of Illinois, Urbana

10:50  A.I. Technology is Changing Rapidly!! (Molecular Genetics and Sexed semen)
David Thorbahn, General Manager & Exec. Vice President, Select Sires, Inc., Plain City, OH

11:45  Southeast Milk, Inc. Check-Off Summary
Florida Dairy Youth Program Update
Brent Broaddus, IFAS Extension, University of Florida, Seffner

PM
12:00  Luncheon and Milk Quality Awards

Presiding – Peter Hansen, Department of Animal Sciences, University of Florida, Gainesville

1:00  UF/IFAS Dairy Update
Geoffrey Dahl, Chair, Department of Animal Sciences, University of Florida, Gainesville

1:10  Feeding Management to Reduce the Environment Impact of Dairy Farms
Robert James, Department of Dairy Science, Virginia Tech. University, Blacksburg

2:00  Southeast Milk, Inc. Check-off Summaries
Development of a High Fertility Timed Insemination Program for Dairy Heifers
William Thatcher, Department of Animal Sciences, University of Florida, Gainesville

Is Testing Cows for Disease Resistance a Practical Tool for Managing Health in Dairy Cows?
Art Donavan, College of Veterinary Medicine, University of Florida, Gainesville

Effect of Rust Infestation on Silage Quality
Adegbola Adesogan, Department of Animal Sciences, University of Florida, Gainesville

2:45  Refreshment Break

3:15  Direct Comparison of Natural Service vs. Timed AI: Reproductive Efficiency and Economics
Carlos Risco, College of Veterinary Medicine, University of Florida, Gainesville

3:45  Sexed Semen Economics
Albert De Vries, Department of Animal Sciences, University of Florida, Gainesville
4:15  Sire Selection and Use of Gender-Biased Semen  
Producer Panel – Participants: Don Bennink, Eddie Fredrikkson, Jacob Larson  
Moderator: Peter Hansen

5:00  Reception - Hors d’oeuvres and a cash bar are available for your enjoyment

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**Wednesday, April 30, 2008**

**DRU Open House**

**UF Dairy Research Unit, Alachua**

**AM**

9:00  DRU Overview  
*Jay Lemmermen, DRU General Manager*

DeLaval Parlor and Afikim Milk Lab  
*Eric Diepersloot, DRU Herd Manager*

Calf Unit  
*Sherry Hay, DRU Calf Unit Manager*

Comparisons of Sand Free Stalls and Dual Chamber Waterbeds  
*David Bray and Ray Bucklin, Departments of Animal Sciences and Agricultural and Biological Engineering*

Using Enzymes to Improve Milk Production by Dairy Cows  
*Adegbola Adesogan, Department of Animal Sciences*

Digester  
*Ann Wilkie, Department of Soil and Water Sciences*

Heat Stress Abatement for Dry Cows: Does Cooling Improve the Transition to Lactation?  
*Geoffrey Dahl and Bruno Cesar do Amaral, Department of Animal Sciences*

Dairy Business Analysis Program  
*Russ Giesy and Mary Sowerby, IFAS Dairy Extension*

Effects of Fatty Acids on Immunity and Reproductive Efficiency in Postpartum Holstein Cows  
*Lokenga Badinga and Cristina Caldari-Torres, Department of Animal Sciences*

12:00  Adjourn
Dairy Production Conference Speakers and Program Participants

Adegbola Adesogan, Associate Professor, Department of Animal Sciences, University of Florida, Gainesville, FL

Bon Bennink, Dairy Producer, North Florida Holsteins, Bell, FL

Brent Broaddus, Extension Agent II, IFAS Dairy Youth Program, University of Florida, Seffner, FL

Geoffrey Dahl, Professor and Chair, Department of Animal Sciences, University of Florida, Gainesville, FL

Albert De Vries, Associate Professor, Department of Animal Sciences, University of Florida, Gainesville, FL

Art Donovan, Professor, College of Veterinary Medicine, University of Florida, Gainesville, FL

Eddie Fredriksson, Dairy Producer, ATR Dairy, Mayo, FL

Peter Hansen, Professor, Department of Animal Sciences, University of Florida, Gainesville, FL

Michael Hutjens, Professor, Department of Animal Science, University of Illinois, Urbana, IL

Robert James, Professor, Department of Dairy Science, Virginia Tech, Blacksburg, VA

Jacob Larsson, Dairy Producer, Larson Farms, Okeechobee, FL

Carlos Risco, Professor, College of Veterinary Medicine, University of Florida, Gainesville, FL

William Thatcher, Professor Emeritus, Department of Animal Sciences, University of Florida, Gainesville, FL

David Thorbahn, General Manager and Executive Vice President, Select Sires, Inc. Plain City, OH
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455 Daniel Road  
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Ph. 417-872-5053  
ddenman@muel.com

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Ph. 217-891-6715  
fredscott@princeagri.com

Steve Coop  
**Novartis Animal Health US, Inc.**  
10098 West Ray Thomas Road  
Crystal River, FL 34429  
Ph 352-516-6680  
steve.coop@novartis.com

Terry Creel  
**West Central Soy Plus**  
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Ph 706-766-2177  
terryc@westcentral.net

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Ph 912-536-2229  
cgay@zinpro.com

Heath Graham  
**Pfizer Animal Health**  
535 Planters Manor Way  
Bradenton, FL 34212  
Ph 941-737-5357  
heath.graham@pfizer.com

Tracey Lamm  
**Agpro, Inc.**  
859 Airport Road 1508  
Paris, TX 75462  
Ph 903-785-5531 X 28  
agpro@neto.com

Harvey Largen  
**Select Sire Power**  
P. O Box 370  
Rocky Mount, VA 24151  
Ph 540-483-5123  
hlargent@selectsirepower.com

Brent Lawrence  
**Alltech Inc.**  
350 Davenport Drive  
Thomasville, GA 317292  
Ph 352-212-6240  
blawrence@alltech.com

Bob Nutt  
**Advanced Comfort Technology and Valley Feed Company**  
P.O Box 514  
Staunton, VA 24402-0514  
Ph 540-294-5500  
bob@valleyfeed.com
Jake Martin  
**DairyDesign.Com**  
6024 SW 89th Terrace  
Gainesville, FL 32608-5577  
Ph 352-371-4655  
jake@dairydesign.com

Elena V. Nielsen  
**Alta Genetics**  
14215 97th Road  
Live Oak, FL 32060  
Ph 386-984-8255  
enielsen@altagenetics.com

Jeremy Block  
**Embogen**  
2523 SW 23rd Terrace  
Gainesville, FL 32608  
Ph 352-219-9813  
block@embogen.com

Maggie Murphy  
**Southeast Milk, Inc.**  
1950 SE County Highway 484  
Bellevue, FL 34420  
Ph 800-598-7866  
info@southeastmilk.org

Gary Peoples  
**Lakeland Animal Nutrition**  
P. O. Box 24868  
Lakeland, FL 33802  
Ph 863-559-3315

Chip Blalock  
**Sunbelt Agricultural Exsposition**  
290-G Harper BLVD.  
Moultrie, GA 31788  
Ph 229-985-1968  
chip@sunbeltexpo.com

Will Lloyd  
**ADM Alliance Nutrition, Inc.**  
901 NW 118th Terrace  
Gainesville, FL 32606  
Ph 352-332-5627  
will_lloyd@admworld.com