Florida Ruminant Nutrition Symposium – February 5 to 7, 2018

February 5, Monday – 1:30 to 5:30 pm

“Challenges With Assessing Nutrient Bioavailability in Ruminants?”
Pre-Symposium sponsored by Balchem Corporation

1:30 pm - Clay Zimmerman, Balchem Corp. Welcome and Introductions

1:35pm - Bill Weiss, The Ohio State University. “Assessing Bioavailability of Minerals”

2:25 pm - Richard Erdman, University of Maryland. “What Do We Know About Balancing Dairy Rations for Methyl Donors”

3:15 pm – Refreshment Break

3:30 pm – Charlie Staples, University of Florida. “Challenges in Assessing Choline Bioavailability”


5:10 pm – Clay Zimmerman. Summary and Wrap-up.

5:30 pm – Poolside barbeque

February 6, Tuesday - 8:30 to 11:45 am

“Capitalize on Insights Into Amino Acid Balancing”
Pre-Conference Sponsored by Ajinomoto Heartland

8:10 am - Welcome and Objective

8:15 am - Luiz Ferraretto, University of Florida. “Impact of Essential Amino Acid Balancing Postpartum on Lactation Performance by Dairy Cows Through a Meta-analysis”

8:55 am - Hugo Ramirez, Iowa State University. “Gut Integrity During Periods of Stress and Its Implications on Performance”

9:35 am - Johan Osorio, South Dakota State University. “Amino Acid Balancing and Its Role on Metabolism, Inflammation, and Oxidative Stress: Future Molecular Implications”

10:15 am - Monty Kerley, University of Missouri, Emeritus. Consultant to Gladwin A. Read Co (GARCO). “Influence of Amino Acid Nutrition on Milk Efficiency”

10:55 am - Jessica Tekippe, Ajinomoto Heartland, Inc. “Setting Yourself Up for Success With Amino Acid Balance”
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February 6, Tuesday - 1:00 to 5:00 pm

1:00 pm – Charlie Staples, University of Florida. Welcome.

1:10 pm - Jose Santos, University of Florida. “Prepartum Negative DCAD Diets – They’re Not Just for Milk Fever Anymore - A Meta-analysis”

1:50 pm – Anne Laarman, University of Idaho. “Dietary Effects on Ruminal Papillae During Periparturient Transition in Holstein Cows – Is Cow Performance Affected?”

2:30 pm – Josh McCann, University of Illinois. “New Perspectives on Adapting Cattle to Finishing Diets Without Compromising Rumen Health”

3:10 pm – Refreshment Break


4:20 pm – Adam Lock, Michigan State University. “Fat Supplementation to the Periparturient Dairy Cow: Does Fatty Acid Profile Matter?”

5:00 pm – Welcome Reception

February 7, Wednesday - 8:00 to 11:50 am

8:00 am – Kevin Folta, University of Florida. “GMOs, Friend or Foe?”

8:40 am – Bill Weiss, The Ohio State University. “Influencing Dairy Cow Health Through Trace Nutrient Formulation”


10:00 am – Refreshment Break

10:30 am – Jon Schoonmaker, Purdue University. “Use of Novel Feed Additives in Beef Cattle Production”

11:10 am – Antonio Faciola, University of Florida. “Canola Meal as a Protein Source for Lactating Dairy Cows”

11:50 am - Adjourn