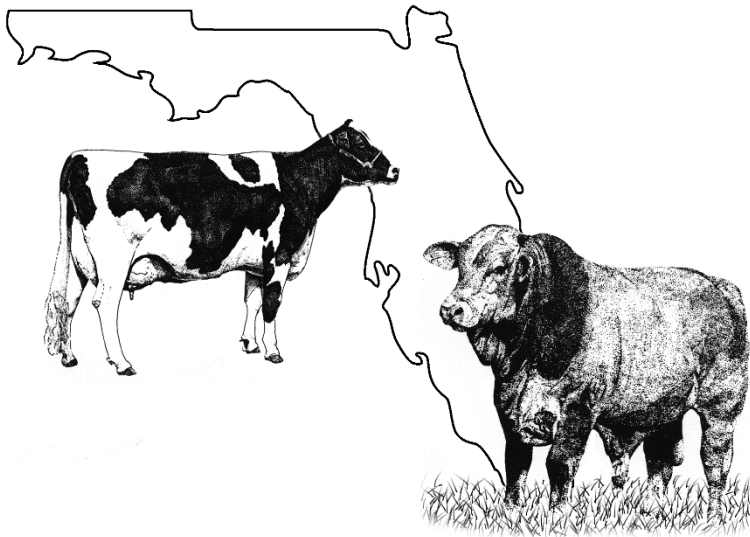


2021 Florida Ruminant Nutrition Virtual Symposium



May 12 – 14, 2021
Virtual Symposium

32nd Annual Meeting

UF

UNIVERSITY of
FLORIDA
IFAS

Department of Animal Sciences

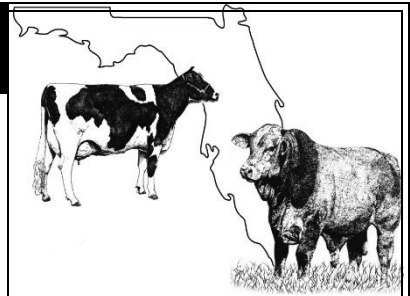
Visit the Symposium website today!
<https://bit.ly/3syld5u>

Symposium Registration

32nd Annual

Florida Ruminant Nutrition Virtual Symposium

May 12 to 14, 2021 • Virtual Symposium



Registration Information

The registration fee includes access to all pre-recorded presentations and to the live presentations, round-table discussions and questions and answers sessions.

Early Reduced Registration Fee

(On or before May 9, 2021) \$ 60.00

Late Registration Fee

(May 10, 2021)..... \$ 80.00

REGISTER ONLINE: Registration and sponsorship opportunities are available in the website below paying by credit card (VISA, MasterCard, or American Express).

<https://bit.ly/3syld5u> or <https://bit.ly/3ej9bb7>

REFUND POLICY: Send cancellation request to jepsantos@ufl.edu or through Eventbrite by May 11, 2021. A \$20.00 processing fee will be deducted from all refunds.

Visit and Bookmark the Symposium Website for Details

- **Registration – *Early Registration Fee Deadline is May 9, 2021***
- **Program Speakers, Updates & Announcements**
- **Sponsors & Supporters**
- **Department of Animal Sciences – Florida Ruminant Nutrition Symposium at <https://bit.ly/3syld5u>**

Questions?

Conference Information

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University of Florida/IFAS
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TEL: (352) 294-6998 • FAX: (352) 392-1931
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Conference Information

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Virtual Symposium Program

Wednesday, May 12, 2021 - Pre-Conference Sponsored by Micronutrients “*A closer look at trace mineral nutrition in cattle*”

11:00 AM to 02:00 PM EST

Dr. Terry Engle – Department of Animal Sciences, Colorado State University

“Effects of trace mineral source on rumen fermentation and trace mineral distribution in the rumen”

Dr. Kenneth Griswold – Micronutrients

“The short vs. long term impacts of trace minerals on immune function and reproductive performance of dairy cows”

Dr. John Arthington – Department of Animal Sciences, University of Florida

“Mineral nutrition of grazing beef cattle”

Round-table virtual discussion, Q/A session

Thursday, May 13, 2021 - Mini-Symposium sponsored by Balchem Corporation “*Your Practical Guide for Net Zero Carbon Emission Symposium*”

11:00 AM to 02:00 PM EST

Dr. Frank Mitloehner – Department of Animal Sciences, University of California Davis

“Livestock’s path to climate neutral”

Strategies for Achieving Net Zero Carbon Emissions

Dr. Juan Tricarico – Vice President – Sustainability Research, Dairy Management Inc.

“A focus on diet and nutrition”

Dr. Jim Wallace – Senior Vice President, Environmental Research at Dairy Management Inc.

“A focus on feed production”

Dr. Caleb Harper – Executive Director of the Dairy Scale for Good

“A focus on waste management and waste utilization”

Round-table virtual discussion, Q/A session

Friday, May 14, 2021 – Symposium “*Integrating Macro Mineral Metabolism with Dietary Guidelines in Cattle*”

11:00 AM to 02:00 PM EST

Dr. Jesse Goff – School of Veterinary Medicine, Iowa State University

“Integrating knowledge on diet formulation to prevent mineral-related disorders in cattle”

Macromineral absorption and metabolism in cattle

Dr. Holger Martens - Department of Veterinary Physiology, Freie Universität of Berlin, Germany

“Mechanisms of Mg absorption and metabolism and importance in diet formulation”

Dr. Gerhard Breves - Institute of Physiology, University of Veterinary Medicine, Hanover, Germany

“Mechanisms of P absorption in the gastrointestinal tract of ruminants”

Dr. Mirja Wilkins: Faculty of Veterinary Medicine - Universität Leipzig, Germany

“Mechanisms of Ca absorption in the gastrointestinal tract of ruminants”

Round-table virtual discussion, Q/A session

The Florida Ruminant Nutrition Symposium is organized by the Department of Animal Sciences, Institute of Food and Agricultural Sciences, at the University of Florida. The 2020 symposium was graciously sponsored by 23 industry leaders. Their contributions were greatly appreciated, and certainly enhanced the program.

- ***Ag Processing Inc.***
- ***Alltech***
- ***Arm & Hammer Animal and Food Production***
- ***Balchem***
- ***Biomin***
- ***Cargill***
- ***Central Life Sciences***
- ***Diamond V***
- ***Elanco***
- ***Feedworks USA Ltd.***
- ***Furst McNess***
- ***Micronutrients***
- ***Milk Specialties Global***
- ***Neogen***
- ***Origination O2D***
- ***Phileo Lesffre***
- ***Progressive Dairy Solutions***
- ***Rev Brand Seeds***
- ***Suwannee Valley Feeds***
- ***TechMix***
- ***Virtus Nutrition***
- ***Westway Feed Products LLC***
- ***Zinpro Performance Minerals***

If your company is interested in becoming a sponsor of the 2022 Florida Ruminant Nutrition Symposium, please contact:

Dr. José E.P. Santos – Tel: (352) 294-6998 or E-mail: jepsantos@ufl.edu

Details about the Virtual Symposium

The program for the 2021 Florida Ruminant Nutrition Symposium will be virtual.

Each day, the event will include 3 to 4 presentations and 1 h and 30 minutes of round table discussion and questions/answers.

All presentations will be pre-recorded, and attendees will be able access the presentations ahead of time, starting on May 8, 2021. Access to the presentations will be granted to those who registered for the Symposium.

A link and password will be generated and sent to registered attendees to access the pre-recorded presentations and attend the 3-day virtual program

On May 12 to 14, a key-note presentation will start the program. Following the key-note presentation, each speaker will present a live 15-min summary of their pre-recorded presentations.

The program will be followed by a round-table discussion among speakers and the moderators addressing questions formulated and sent by the attendees though the Q/A chat.

The platform for the program will be Zoom.