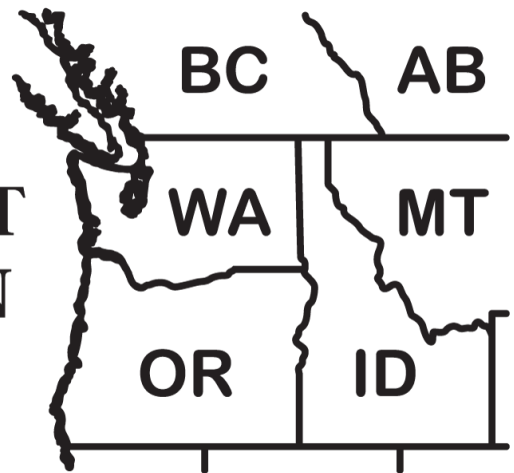


# 53<sup>rd</sup> Annual Pacific Northwest Animal Nutrition Conference

## PROCEEDINGS

### PACIFIC NORTHWEST ANIMAL NUTRITION CONFERENCE



and  
Phileo Lesaffre Animal Care Preconference

January 14-15, 2019

Boise, Idaho

- Organized By -

Oregon State University, University of British Columbia, University of Idaho, and Washington State University

- Committee -

Don Llewellyn and Joe Harrison – Washington State University  
Pedram Rezamand, Carl Hunt, and Anne Laarman – University of Idaho;  
Chad Mueller – Oregon State University;  
Tim Evans – Novus International, Inc.;  
Tess White – Alltech;  
George Dawson – Zinpro Performance Minerals;  
Ronaldo Cerri – University of British Columbia;  
Jan Breckman – Jefo Nutrition;  
Lynn VanWieringen and Fred Muller – Ag Health Laboratories

- Sponsors -

**Coffee Break Sponsors**

Central Life Sciences, High Desert Dairy Lab

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**Silver Sponsors**

Ag Processing Inc., Diamond V, Energy Feeds International, EPL Feed LLC

**Bronze Sponsors**

Perdue Agribusiness, Stuhr Enterprises LLC

# 53<sup>rd</sup> Annual Pacific Northwest Animal Nutrition Conference

## PROCEEDINGS

### Table of Contents

#### **PRECONFERENCE** *sponsored by Phileo Lasaffre Animal Care*

##### **Hard Evidence that Phileo Products Improve Beef Cattle Performance**

Matt Cravy, Phileo Lasaffre Animal Care

##### **Right Strain - Right Process: Understanding the Differences in Yeast Products** 7

Gary Mitchell, Phileo Lasaffre Animal Care

##### **Impact of Yeast Probiotics on Rumen Environment, and NDF and ADF Digestion** 10

Christine Julian, Phileo Lasaffre Animal Care

##### **Impact of Chronic Inflammation on the Health of Dairy Cattle, Swine, and Beef Cattle** 16

Lance Baumgard, Iowa State University

##### **Show me the Money: What is the ROI on Reducing Chronic Inflammation in Ruminants (Dairy and Beef)** 30

Stephen Emanuele, Phileo Lasaffre Animal Care

#### **MAIN CONFERENCE**

##### **Opportunities for Improved Cow Comfort through Freestall Barn Renovations** 61

Jeffery Bewley, Alltech

##### **Understand fiber: TMR NDF breakdown and low lignin feed potential. Make profitable decisions within these areas** 82

John Goeser, Rock River Lab

##### **Managing the Weaning Transition for Successful Calf Programs** 92

Tana Dennis, Provimi

##### **Long-term Consequences of Clinical Diseases Postpartum on Lactation and Reproductive Performances in Dairy Cows** 100

Eduardo Ribeiro, University of Guelph, ON, Canada

##### **Managing Mycotoxin Problems on Dairy Farms** 107

Lon Whitlow, Professor Emeritus of North Carolina State University

##### **Dry Period Heat Stress Effects on Dam and Daughter** 114

Geoff Dahl, University of Florida

**Gut Health: Metabolic Consequences of Leaky Gut** 119  
Lance Baumgard, Iowa State University

**Feeding and Lameness Relationships** 133  
Mike Hutjens, University of Illinois

**GRADUATE STUDENT POSTER ABSTRACTS** 140 - 146

**Interactions between the stage of maturity of Eragrostis tef hay and supplemental energy source on forage utilization in beef heifers.**

A.V. Stevens, C. Meyers, G.E. Chibisa

**Feed quality and fermentation characteristics of barley and triticale grown for forage under irrigation in the Pacific Northwest**

J. Wolf, S.C. Fransen, E. Kimura, and D.A. Llewellyn

**The effects of altering ruminal fermentable energy supply on rumen function, nutrient supply, and nitrogen utilization in finishing cattle fed diets containing distillers grains**

C.N. Ream, A.V. Stevens, G.E. Chibisa

**Bitter or Better Taste Buds? Aversion to Phenylthiocarbamide in Mature Rams**

D. Henslee, J. Yelich, B. Taylor, and M. Ellison

**Effect of Irrigation on Fiber Concentration and In-Vitro Fiber Digestibility of Corn Plant Tissues**

L. Martin, G. Ferreira, C.L. Teets, S. Hines, G. Shewmaker, M. de Haro Marti, and M. Chahine

**Effects of weaning and supplemental butyrate on calf performance and rumen fermentation in dairy calves**

R.L. Hiltz, D.E. McCurdy, K.R. Wilkins, S. Moreland, K. Klanderma, A.H. Laarman

**Effect of agronomic selenium biofortified alfalfa hay on selenium status and glutathione peroxidase activity in transition dairy cows and their calves**

S. Jaaf, B. Batty, A. Krueger, B. Gerd, C. Estill, and M. Bionaz

## PNWANC Program Agenda

### **Monday, January 14**

8:30 AM – 12:45 PM	Onsite Registration
9:30 AM – Noon	Organizing/Planning Committee – River Fork Room
1:00 PM – 5:00 PM	Preconference, <i>sponsored by Phileo Lesaffre Animal Care</i>



1:00 pm - Welcome: Julie Bowman, Phileo - This is Phileo Lesaffre Animal Care

#### **Session 1: Yeast Products**

Moderator - Lynn Reed, Phileo Beef Sales Manager (North America)

1:15 pm - Matt Cravy, Phileo - Show me the Data: Hard Evidence that Phileo Products Improve Beef Cattle Performance

2:00 pm - Christine Julian, Phileo - Impact of Yeast Probiotics on Rumen Environment, and NDF and ADF Digestion

2:45 pm - Break

3:00 pm - Gary Mitchell, Phileo - Right Strain - Right Process: Understanding the Differences in Yeast Products

#### **Session 2: Chronic Inflammation**

Moderator - Clay Samper, Phileo Regional Sales Manager (Western U.S.)

3:20 pm - Lance Baumgard, Iowa State University - Impact of Chronic Inflammation on the Health of Dairy Cattle, Swine, and Beef Cattle

4:15 pm - Stephen Emanuele, Phileo - Show me the Money: What is the ROI on Reducing Chronic Inflammation in Ruminants (Dairy and Beef)

5:00 pm - Reception and Graduate Poster viewing

## ***Tuesday, January 15***

7:00 AM – Continental breakfast

7:00 AM – ARPAS PNW Chapter meeting

### **Morning session I-** Chair: Dr. Pedram Rezamand (University of Idaho)

8:15 am - Carl Hunt, University of Idaho, Welcome and Introductions

8:20 am - Jeffery Bewley, Alltech. Opportunities for Improved Cow Comfort through Freestall Barn Renovations

9:00 am - John Goeser, Rock River Lab. Understand fiber: TMR NDF breakdown and low lignin feed potential. Make profitable decisions within these areas

9:40 am - Tana Dennis, Provini, Managing the Weaning Transition for Successful Calf Programs

10:20 am – Coffee Break, *Sponsored by Central Life Sciences*

### **Morning session II-** Chair: Dr. George Dawson (Standard Dairy Consultants)

10:40 am - Eduardo Ribeiro, University of Guelph, ON, Canada. Long-term Consequences of Clinical Diseases Postpartum on Lactation and Reproductive Performances in Dairy Cows

11:20 am - Fred Muller, Tim Bodine, Mike Murphy. Veterinary Feed Directive; a panel discussion

12:00 pm – Lunch Break. Results of the graduate student poster contest.

Michael Parrella, Dean – College of Agriculture and Life Sciences – University of Idaho

### **Afternoon session I-** Chair: Dr. Bill Sanchez (Diamond V)

1:00 pm - Lon Whitlow, Professor Emeritus of North Carolina State University. Managing Mycotoxin Problems on Dairy Farms

1:40 pm - Geoff Dahl, University of Florida, Dry Period Heat Stress Effects on Dam and Daughter

2:20 pm - Lance Baumgard, Iowa State University. Gut Health: Metabolic Consequences of Leaky Gut

3:00 pm – Coffee Break, *Sponsored by High Desert Dairy Lab*

### **Afternoon session II-** Chair: Dr. Donald Llewellyn (Washington State University)

3:15 pm - Mike Hutjens, University of Illinois. Feeding and Lameness Relationships.

4:00 pm - Adjourn