

Ohio Dairy Health Management Certificate Program  
Module #4 – Advanced Dairy Cattle Nutrition  
March 19-21, 2015

Hampton Inn & Suites OSU  
3160 Olentangy River Road  
Columbus, OH 43202  
[www.hamptoninn.com](http://www.hamptoninn.com)

General Objective: Increase the ability of veterinarians to identify and solve nutritionally related issues on dairy farms, especially reduce the incidence of nutritionally related diseases.

Learning objectives:

- Understand the relationship between nutrition and metabolic diseases
- Identify practices to reduce the incidence of metabolic diseases
- Understand measures for monitoring nutrition on dairy farms
- Identify the risk of metabolic diseases based on evaluation of the ration and feeding practices

General requirements: laptop computer, electronic mail account, access to internet

Items to be brought to program by participants: blood profile report, health statistics, feed samples and analyses and rations from a client's herd

Items provided by OSU: notebook with materials

## **Thursday, March 19**

8:00 – 8:30 am	Introductions and plans for the program (Gustavo Schuenemann)
8:30 – 9:15	Incidence of Metabolic Diseases and Using Activity Monitoring for Detection of Health Events (Gustavo Schuenemann)
9:15 – 10:15	Anything New - Scoring Body Condition, Lameness and Manure? (Maurice Eastridge)
10:15 – 11:45	Subacute Rumen Acidosis and Displaced Abomasum (Bill Weiss)
11:45 – 12:45 pm	Lunch
12:45 – 1:45	Nutrition and Mammary Health (Bill Weiss)
1:45 – 3:45 pm	Using Records to Assess Herd Performance and Impact of Disease on Production and Profitability (Mike Overton)

- 3:45 - 5:00 pm Homework Presentations by Participants
- 5:00 – 6:30 pm Dinner (sponsored by Elanco)
- 6:30 – 7:30 pm Case Studies by Participants Using Vital 90

### **Friday, March 20**

- 8:00 – 9:00 am Hoof Problems (Lowell Midla)
- 9:00 – 9:30 am Feed Efficiency (Bill Weiss)
- 9:30 – 11:00 Precision Feeding of Transition Cows to Reduce the Risk of Metabolic Diseases (Jim Drackley)
- 11:00 – 12:00 Feed Additives for Dairy Cattle (Maurice Eastridge)
- 12:00 – 1:00 pm Lunch
- 1:00 – 2:00 Herd-Level Approaches for Evaluating Transition Cow Programs (Jim Drackley)
- 2:00 – 3:00 Nutrition and Reproduction (Maurice Eastridge)
- 3:00 – 4:00 Feeding Behavior of Dairy Cattle (Katy Proudfoot)
- 4:00 – 5:00 Homework Presentations by Participants
- 5:00 – 6:30 pm Dinner
- 6:30 Performing Liver Biopsies (TBD)

### **Saturday, March 21**

- 8:00 - 11:30 am Case Study Combined with a Farm Visit (Eastridge, Schuenemann, Weiss)