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

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)