
Plan to participate in this new...



Neonatal Calf Care and Management Workshop II

...for the serious calf raiser

March 20 and 21, 2007

Workshop objectives:

Participants will increase their fundamental knowledge and skills critical to successful calf rearing. They will understand how to apply this knowledge and these skills in their own calf-rearing capacities.

We will:

- explore and understand the “whys” behind “what is” and best practices
- practice skills in hands-on learning labs

Intended Audience:

Calf caregivers, calf managers, students, interested industry personnel.

Location:

The Ohio Agricultural Research and Development Center at Wooster

The Extension Center at Wooster,
Krauss Dairy Center and
Food Animal Health Research Building

Workshop Sponsors:



The Extension Center at Wooster
Veterinary Preventive Medicine
Department of Animal Science

Registration:

The workshop size will be limited to ensure quality and quantity of hands-on and discussion time for each participant. \$190 per person includes: extensive resource materials, weigh tapes and growth charts, 2 sets of disposable coveralls, boots and gloves for lab work; lab supplies, lunches and refreshments.

Discounted rates for additional participants from a registered farm as well as participants from the 2006 Neonatal Calf or Heifer Care and Management Workshops who bring their notebook and reference materials.

Accommodations:

Participants wishing to stay overnight in the Wooster area may make their own arrangements. Mention the “*Calf Management Workshop at OARDC*” to receive discounted rates at:

Roadway (former Amerihost)
2055 E. Lincoln Way (old US 30)
(330) 262-5008
\$60 per night plus tax

Hilton Garden Inn
959 Dover Rd. (SR 250)
(330) 202-7701
\$69 per night plus tax

Day One:

9:15 am Registration & Refreshments

Administration Building, Rm 208

9:45 am Welcome & Introductions

Topics for the day:

Health...Diagnosis, Treatment, Prevention

- Calfhood diseases

Discussion of diseases with an emphasis on respiratory disease. We'll touch on scours, mycoplasma and navel infections. When calves are susceptible, signs of illness and causes of death.

-Diagnostics

Tools and resources for diagnosing illness, collection and handling of samples.

- Dealing with the dehydrated calf

Assessing hydration, implications of dehydration and strategies to rehydrate sick calves.

-Treating the sick calf

-Vaccination strategies

Reality vs. expectations for a successful vaccination program

Lab Topic: Necropsy

We will observe a calf necropsy. Why did she die? What systems were involved in the calf's death: respiratory, GI tract, navel, infection?



We'll study the internal organs of a calf. Learn where organs are located, relative size of organs, what "normal" organs look like.

Lab Topics:

In these labs, students will learn or improve their skills in:

Assessing calf health

Evaluate a calf's behavior, respiration, heart rate, temp, body weight and condition, joints, navel, ears, hydration and manure. Practice using an esophageal feeder.

Dehydration and Fluid Therapy

Assessing calf hydration, where and how to administer SQ, IM and IV fluids and injections will be demonstrated and practiced.

Reading and understanding medication labels, calculating correct doses and proper care and handling of medication.

4:30 pm Adjourn

7:00 pm Optional Evening Session
Creating protocols to get the work done right.

Day Two:

8:00 am **Continental breakfast**

8:15 am Optional: **Bull calf grower's roundtable discussion**

9:15 am **Back to work!**

Today's activities include presentations, discussion and hands-on learning

Nutrition & Growth

- Colostrum
The real thing, supplements & replacers.
- Developing the rumen
What changes between birth and weaning? How diet impacts rumen development.
- Evaluating feed additives
There are many ingredients and additives making a variety of claims. What do we know for sure? Which are beneficial and cost-effective?
- Milk diets and feeding management
We will look at the choices available, pros, cons and consequences of feeding different levels of milk in the diet.
- Calf Starters
Best options for getting calves eating, developing the rumen and optimizing your starter dollars.
- Weaning
Transitioning calves from milk to a non-milk diet.

Hygiene

- Bottles & buckets: milk, water, starter
Managing bacterial loads, looking at culture samples
- Sanitation between calves
Minimizing the spread of disease
- Calf comfort: Bedding for success
Options, issues, management

Managing the calf enterprise

- Welfare issues facing the industry
- Record keeping with Calf Track
What information should be measured, recorded and used to effectively control the calf enterprise?
- Financial records for the successful calf enterprise
Whether you raise calves as part of a Dairy or as a stand-alone business, what you should know and do.
- Communication
Is what you say what is heard?

4:30 p.m. **Safe Trip Home**

Workshop Teachers:

Jud Heinrichs

Extension Specialist, Dairy
Dept of Dairy & Animal Sciences
Penn State University

Lowell Midla, VMD

Clinical Veterinarian & Instructor
OSU's Marysville Practice
The Ohio State University

Maurice Eastridge

Extension Specialist, Ruminant Nutrition
Department of Animal Science
The Ohio State University

Dianne Shoemaker

Extension Specialist, Dairy
The Ohio State University Extension
Center at Wooster

William Epperson, DVM

Extension Specialist, Dairy
Veterinary Preventive Medicine
The Ohio State University

Juliette Hansen, DVM

Clinical Veterinarian
OARDC, Food Animal Health Research
Program, The Ohio State University

For additional information, contact Dianne Shoemaker at (330) 257-3377 or shoemaker.3@osu.edu

The Ohio Agricultural Research and Development Center is easily reached from all over Ohio. The Research Center is located south of U.S. 30 just outside of Wooster which is between I-77 and I-71.

Detailed directions will be sent to all participants with their registration confirmation.

ALL ROADS LEAD TO THE OARDC



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Keith L. Smith, Associate Vice President for Agricultural Administration and Director, OSU Extension TDD No. 800-589-8292 (Ohio only) or 614-292-1868



Neonatal Calf Care and Management Workshop II

March 20 and 21, 2007

Wooster, Ohio

Registration Form

Name: _____

Farm or Company: _____

Street: _____

City: _____ State: _____ Zip Code: _____

Phone: _____ e-mail address: _____

I raise approximately _____ heifers, _____ bulls per year. I have _____ years of experience.

Names of additional attendees from same farm or business:

_____ years of experience

_____ years of experience

Please make:

_____ Registration(s) at \$190 per person (includes all reference materials) \$ _____

_____ Registration(s) at \$155 if you participated in the 2006 Neonatal Calf Care or Heifer Management Workshops and bring your reference notebook. \$ _____

_____ Additional registration(s) at \$155 per person (share reference materials with first registrant) \$ _____

_____ ODPa Members discount, \$10 per member farm \$ (_____)

Total Enclosed \$ _____

I plan to attend: Optional Tuesday evening program _____ yes _____ no

Weds. a.m. Bull calf growers roundtable discussion _____ yes _____ no

Check size(s) for lab coveralls _____ M _____ L _____ XL _____ XXL

Do you have any special food or handicapped accessibility needs?

Make checks payable to: OSU Extension – Center at Wooster

Mail registration form and check to: OSU Extension – Center at Wooster
Attn: Sue
1680 Madison Avenue
Wooster, OH 44691

Questions? 330-263-3799

Workshop size is limited. Registrations accepted until March 16th or the workshop is full.