



MSU Small Ruminant Management Series: *Optimizing your feeding program*

DATE & TIME:

Saturday, August 19
from 8am-6pm

LOCATION:

Anthony Hall, 474 S.
Shaw Ln, East Lansing
48824

COST:

\$60 per person
Additional members of
the same farm/family
may attend for \$40.
Lunch and materials
provided.

REGISTRATION:

Online at https://commerce.cashnet.com/msu_3645.
Registration closes on
August 10.

CONTACT:

Carla McLachlan at
MCLACHL2@msu.edu

Instructors:

- **Richard Ehrhardt**,
Ph.D. MSU Small
Ruminant Extension
Specialist
- **Erin Recktenwald**,
Ph.D. MSU Research
Associate
- **Mike Metzger**, M.S.
MSU Small Ruminant
Educator



Feeding small ruminants well requires a good understanding of what your animals require throughout all stages of production and what your feeding system provides. In this part of Michigan State University's Small Ruminant Management series you will learn from three instructors with a wealth a training and experience in nutritional management of sheep and goats. This is a unique opportunity to learn the practice and science of improving your feeding program.

Topics to be covered include:

- *Understanding the nutrient requirements of all states of production*
- *Mineral and vitamin nutrition and supplementation strategies*
- *Supplementation in grazing programs*
- *Least-cost ration balancing*
- *Managing Component and Total Mixed Ration feeding programs*
- *Matching forage quality to animal needs*
- *Evaluating the economics of a feeding program*

Seminars in the first half of the day will be expanded upon during hands-on activities later in the day, where you can combine knowledge of your animals and feeds to balance rations, practice yearly feed budgeting, and determine potential forages and feeding systems that might be optimal for your farm.

Sponsored by Michigan Alliance for Animal Agriculture