

SPEAKERS

Small Ruminant Pastures, Parasites, and Profits: Putting it all together

John Anderson
Summer Hill Farm
Shreve, OH



Kathy Bielek
Misty Oaks Farm
Wooster, OH

Curt Cline
Cline Family Farm
Albany, OH

Joyce Foster, PhD
Supervisory Research Biochemist
USDA, ARS
Appalachian Farming Systems Research Center
Beaver, WV

Rory Lewandowski, MS
Extension Educator, Athens County
Athens, OH

Jeff McCutcheon, MS
Extension Educator, Morrow County
Mt. Gilead, OH

Bruce Rickard
Fox Hollow Farm
Fredericktown, OH

Bill Shulaw, DVM, MS
Professor & Extension Veterinarian
OSU Veterinary Extension
Columbus, OH

Ken Turner, PhD
Supervisory Research Animal Scientist
USDA, ARS
Appalachian Farming Systems Research Center
Beaver, WV

SPONSORSHIP

- ✓ Ohio State University Extension
- ✓ Ohio Sheep Improvement Association
- ✓ Ohio Heartland Sheep Improvement Association

The programs are free, but a registration fee of \$15 per person will be requested on-site at the field day to cover the costs of morning refreshments and a lamb lunch.

CE CREDITS

For participating veterinarians, the Ohio Veterinary Medical Licensing Board has approved CE credit on an "hour for hour" basis (2 hours per Internet-Based Meeting and 4 hours for the Field Day).

CONTACT INFORMATION

http://vet.osu.edu/extension/sare/parasite_control
(log-in info & content for programs/field day)

- Dr. Bill Shulaw: shulaw.1@osu.edu
- Mr. Jeff McCutcheon: mccutcheon.30@osu.edu
- Mr. Rory Lewandowski: lewandowski.11@osu.edu
- If you do not have Internet access, please call 614-292-9453.

Made available with support from the Sustainable Agriculture Research and Education (SARE) program, which is funded by the U.S. Department of Agriculture-National Institute of Food and Agriculture (USDA-NIFA). Any opinions, findings, conclusions or recommendations expressed within this product do not necessarily reflect the view of the SARE program or the U.S. Department of Agriculture. USDA is an equal opportunity provider and employer.

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OVERVIEW

Internal parasite control continues to be one of the most important and difficult to manage health issues for sheep and goat farmers. Traditional control strategies with preventive or suppressive treatments with dewormers have led to widespread resistance to the drugs we currently have available. Although many farmers have not yet experienced complete failure of a dewormer, many have, and those who haven't often do not have actual data to realize just how much loss is occurring from reduced animal performance. Although a new dewormer of a different drug class was recently introduced in Australia and New Zealand, it is not clear how soon we might see this new dewormer available here in the U.S. What is clear is that if we use it in the same ways we have used dewormers over the last 40 years, we can expect to see the first reports of resistant worms within 3-5 years of its introduction.

Over the last several years several Extension Educators, researchers, and farmers in Ohio and West Virginia have been involved in various projects to develop or demonstrate strategies to assist in controlling internal parasites. During the last two years we have been funded by a North Central Region Sustainable Agriculture Research and Education grant to determine whether forage chicory might have activity against internal parasites under conditions typical of farms in our region. We have learned a lot about chicory and have made some interesting observations about parasite survival over winter and during summer grazing as well as the potential use of non-traditional grazing strategies.

INTERNET-BASED MEETINGS

We have organized three Internet-based meetings (followed by a field day at one of our project farms) for farmers and veterinarians to discuss and demonstrate parasite biology, managing drug resistant worms, and various grazing strategies including use of chicory and other plants to help control worms.

Meetings will be held at a physical location for a live audience with additional sites available throughout Ohio where people can participate via the Internet. You may also access these meetings from home with a high-speed Internet connection and a telephone.

➤ **Thursday, August 4, 2011 (7-9 pm)**

Live site: Morrow County Extension Office

Basic Parasite Biology: worm life cycle; why/how dewormer resistance develops; concept of refugia and selective treatments including the FAMACHA system

➤ **Thursday, August 18, 2011 (7-9 pm)**

Live site: Athens County Extension Office

Management Strategies: lessons learned from the 2009/2010 SARE grant and previous projects using various forages and grazing strategies

➤ **Thursday, August 25, 2011 (7-9 pm)**

Live site: Wayne County Extension Office

Management Tools/Techniques: using the FAMACHA system; what do worm egg counts tell us; how do you detect resistance to dewormers?

FIELD DAY

Farmers & veterinarians will have the opportunity to receive hands-on FAMACHA training, learn about using non-traditional forages in a grazing program for managing parasitism, and see examples of various forages and fencing options. In addition, presentations on selection, nutrition, and biosecurity and animal health will be given.

➤ **Saturday, August 27, 2011**

Schedule:

8:00-9:00 am..... Registration

9:00-9:30 am.....Welcome & Introduction

9:30-10:30 am..... Break-Out Sessions

10:45-11:45 am..... Break-Out Sessions

11:45-12:45 pm..... Lunch

1:00-2:00 pm.....Break-Out Sessions

2:00-3:00 pm.....Break-Out Sessions

3:00-3:15 pm.....Wrap-Up & Dismiss

Location:

**Lambshire Polypays
Summer Hill Farm
Jim and John Anderson
10233 Munson Rd
Shreve, Ohio 44676**

(approximately 10 miles south of Wooster)

Registration Fee:

\$15 (cash or check) per person to cover the costs of morning refreshments and a lamb lunch

For specific information about locations for attending the evening sessions or connecting from other sites, please visit the web site: http://vet.osu.edu/extension/sare/parasite_control