



# Sustainable management of internal parasites in sheep and goats in the upper Midwest and Northeast USA.

## FORMAT:

Virtual webinar series (4 sessions) followed by an optional afternoon workshop at the MSU College of Veterinary Medicine and the MSU Sheep Teaching and Research Center (MSUSTRC).

## DATES & TIME:

Virtual webinar series: Tuesday evenings at 7:00-9:00 pm **Eastern Time**. This includes question and answer time.

April 26, May 3, May 10, May 17 (total of 4 sessions)

Workshop: June 11, noon to 4 at MSUSTRC and MSU College of Veterinary Medicine.

## COST:

\$25 per household for webinar series only, \$15 per person additional for the workshop (58 participant limit, each will receive a FAMACHA card and guide)

## REGISTER AT:

<https://events.anr.msu.edu/2022ParasiteManagement/>

Zoom links and information will be sent to registered email addresses prior to event. Registration closes at 11:59pm on April 25.

## CONTACT:

Mike Metzger  
metzgerm@msu.edu  
(517)788-4292

Control of internal parasites is a major health challenge in sheep and goat farms. Previous control methods have led to the development of drug resistant parasites, furthering the problem. Effective and sustainable parasite control programs require a program tailored to each farm's unique circumstances. An effective and sustainable program will reduce animal health and productivity losses while minimizing the advance of resistance problems.

The MSU Small Ruminant Extension Team will be hosting a series of four webinars on Tuesday evenings (at 7:00pm EST) to discuss which parasites are a problem in the Midwest/Northeast, risk factors for infection, grazing strategies to reduce parasite load, infection monitoring, effective drug treatments and farm specific control programs.

This will be followed by an optional workshop on June 11 on the Michigan State University campus that will provide instruction on the FAMACHA parasite monitoring program and the practice of fecal egg counting.

**Virtual program (all sessions at 7 pm with recording available 2 days later).**

**Session 1: April 26.** *Parasites of impact in sheep and goats, and basics of their lifecycles*

**Session 2: May 3.** *Factors that determine risk of parasite infection and grazing management strategies to reduce exposure.*

**Session 3: May 10.** *Control and infection monitoring approaches and methods to maintain refugia.*

**Session 4: May 17.** *Putting it all together: developing a successful sustainable integrated parasite control program for your farm.*

**Workshop on June 11, noon to 4 pm, MSU campus**

*Participants will learn how to monitor infection using the FAMACHA system on sheep at the MSU STRC and then travel to the nearby MSU College of Veterinary Medicine to learn how to perform quantitative fecal egg counting. Participants will receive a FAMACHA anemia scoring card and training certificate.*

*Workshop participants must attend live sessions or view the 4-part webinar series recordings to attend the workshop.*