



# 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 afternoon workshop on the MSU farms and campus.

## DATES & TIME:

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

April 16, April 23, April 30, May 7 (4 sessions)

Workshop: May 11, noon to 4 at MSU STRC and MSU campus.

## COST:

\$25 per household for webinar series only, \$30 per person additional for the workshop (50 participant limit, each will receive a FAMACHA card and guide)

## REGISTRATION:

Use the following link for registration:

<https://events.anr.msu.edu/2024parasitemanagement/>

Registration will close on April 14th

## CONTACT:

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## INSTRUCTORS:

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Barbara Makela, Research Technician  
Mike Metzger, Extension Educator

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 requires 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 Tuesday evenings (at 7:00pm EDT) 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 May 11 on the Michigan State University campus that will provide hands-on 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 16.** *Parasites of impact in sheep and goats, and basics of their lifecycles*

**Session 2: April 23.** *Factors that determine risk of parasite infection and grazing management strategies to reduce exposure.*

**Session 3: April 30.** *Infection control and monitoring approaches and methods to maintain refugia.*

**Session 4: May 7.** *Putting it all together: developing a successful sustainable integrated parasite control program for your farm.*

**Workshop on May 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 campus labs to learn how to perform quantitative fecal egg counting. Participants will receive a FAMACHA anemia scoring card and training certificate. Workshop participants must attend or listen to the recordings of the 4 part webinar series to attend the workshop.