

Sheep & Goat Parasite Control Workshop & Field Day

Thursday, July 23, 2015 - URI Peckham Farm, Kingston, RI

12:00 PM to 3:00 PM - Integrated Parasite Control & FAMACHA[®] Training Workshop.

Main Barn second floor meeting room. Trainer: Dr. Katherine Petersson, URI Dept. Animal & Vet. Science



Small ruminant parasite ID & biology, dewormers & drug resistance, integrated parasite control practices, the FAMACHA[®] system including hands-on training for detection of anemia associated with barber pole worm infections.

Attendees completing the training can purchase a laminated FAMACHA[®] card for \$13.00 (optional).

Light refreshments will be served, bring a bag lunch.

3:00 PM – 3:30 PM – Hands-on fecal egg counting demonstration using the Modified McMaster Test will be available at the Main Barn first floor lab. View our video, *Why and How To Do Fecal Egg Counts*, for a complete presentation and demonstration, <http://web.uri.edu/sheepngoat/video/>

4:30 PM – 8:00 PM – Field Day on Alternative Methods of Small Ruminant Parasite Control

Learn more about URI research on the anti-parasitic effects of condensed tannin plants -- Birdsfoot trefoil, a forage legume suited to Northeast growing conditions, and cranberry.



Birdsfoot trefoil:

- Growing BFT – needs and challenges
- Cultivars and accessions under study
- Hay plots and grazing tolerance trial
- Research on the anti-parasitic effects of BFT in sheep
- Updates on other regional research

Cranberry leaf powder:

- Laboratory and animal studies to date demonstrating anti-parasitic efficacy
- Development of a cranberry leaf powder pellet

Speakers to include Dr. Rebecca Brown, URI Dept. Plant Sciences, Dr. Katherine Petersson, URI Dept. Animal and Veterinary Science, Sarah Ferguson and Carly Barone, URI graduate students.

Light refreshments will be served.

See the attached agenda and directions for more information including nearby food establishments.

Register for one or both programs on-line at <https://www.surveymonkey.com/r/uripcregistration>
OR contact Holly Burdett, URI Cooperative Extension at (401) 874-2249 or email hburdett@uri.edu

Thursday, July 23, 2015 – 4:30 to 8:00 PM

Field Day on Alternative Methods of Small Ruminant Parasite Control

Program Agenda

4:30 – 4:45 PM

Welcome and Introduction: *Holly Burdett, URI Cooperative Extension*

4:45 – 5:30 PM

Growing and maintaining birdsfoot trefoil (BFT): Peckham Farm BFT hay plots

- Establishing and maintaining BFT – challenges, equipment needed
- Agronomic performance of the 6 BFT cultivars being studied
- Demonstration of a Quadrat stand count

Dr. Rebecca Brown, URI Dept. Plant Sciences

5:30 – 6:15 PM

Peckham Farm BFT grazing tolerance trial:

- Evaluate grazing tolerance of 19 BFT accessions and 6 commercial cultivars.
- Sarah Ferguson, URI graduate student, Sustainable Agriculture and Food Systems (SAFS)*

Update on other BFT research in the Northeast region:

Holly Burdett, URI Cooperative Extension

6:15 – 6:30 PM – Refreshment break at main barn

6:30 – 7:15 PM – Main Barn

Research on anti-parasitic effects of condensed tannin plants: *Carly Barone, URI graduate student, SAFS; Dr. Katherine Petersson, URI Dept. Animal and Veterinary Science; URI undergraduate students.*

- Preliminary results of anti-parasitic effects of BFT powder.
- BFT feeding trial with fistulated sheep.
- Anti-parasitic effects of cranberry leaf powder and development of a pellet.

7:15 – 7:45 PM – Main barn

Open discussion and question & answer session

7:45 – 8:00 PM – Main barn

Wrap-up and closing remarks / program evaluation