

Integrated Approach for Managing Diseases and Parasites in Small Ruminants

June 29, 2018

102 Mary Starke Harper Hall & CAENS Research and Demonstration Facility
Tuskegee University, Tuskegee, AL 36088

The conventional method of parasite control by just using chemical de-wormers seems to be ineffective, especially to control barber pole worm – a most significant parasite causing a huge loss in small ruminant industry in the Southeast. For several reasons, this worm is developing resistance against most of the chemical dewormers available in the market. Now, it is the time to adopt an integrated approach for managing gastrointestinal parasites including barber pole worm. Moreover, external parasites, and infectious and other diseases play a crucial role in the health and well-being of small ruminants. Some of the diseases and parasites are also zoonotic (capable of affecting human). Producers and professionals must be aware of all these health problems and prevent them on time. This program aims to educate extension professionals and producers on the major health problems of small ruminants and various strategies to prevent them. Experts from Tuskegee University will be speaking at this event. There will be a lot of networking opportunity with experts and fellow producers at the event.

Workshop topics/activities (7:30 A.M. – 4:30 P.M.)

- Integrated approach to minimize diseases and parasites in small ruminants and relevant findings
- Major diseases and parasites (internal & external) of small ruminants and their prevention, control, and treatment strategies
- Use of FAMACHA and smart drenching to control barber pole worm
- Least-cost supplementary feeds to keep small ruminants healthy



Site tour, demonstration, and hands-on activities:

General health inspection, use of FAMACHA card, condition score, hoof inspection and trimming, taking temperature, medication (injections, drenching, topical), fecal sample collection site tour and demonstration of the research facilities, fecal sample examination, parasites eggs and parasite larvae, etc.

Registration fee: \$25.00 (if pre-registered by **June 15, 2018**); **\$30.00** (after June 15, 2018).

Working lunch and snacks will be served and a package of educational materials including a FAMACHA card (\$13 value) will be provided. Send a **check payable to ‘Tuskegee University**

Livestock Program'. Seats are limited to 30 participants.

Please reserve your place today by **registering online** visiting this link <https://www.tuskegee.edu/programs-courses/colleges-schools/caens/cooperative-extension-program/livestock-program/upcoming-events> and sending the check to Ms. Yvonne Wright, 204 Morrison-Mayberry Hall, Tuskegee University Cooperative Extension Program, Tuskegee, AL 36088. Alternatively, you can send both the registration form and check to Ms. Wright (ywright@tuskegee.edu, Phone: 334-724-4440).

Driving direction

- A. Driving from Montgomery:** Take I-85 North towards Atlanta, Take EXIT 32, toward Tuskegee/Franklin, Turn right onto Pleasant Springs Dr/Tuskegee-Franklin Rd. Continue to follow Pleasant Springs Dr., Turn left onto Franklin Rd. (Franklin Rd is just past CR-50, If you reach CR-81 you've gone a little too far), Continue driving for about 6 miles, Turn slight left onto W Montgomery Rd/AL-126 at the traffic light, Turn left at the next traffic light and enter the Tuskegee University gate (Lincoln Gate), Take first left immediately after the gate and drive to the stop sign, Turn right at the Stop sign, Turn left before the next Stop sign to the Parking lot behind the Mary Starke Harper Hall. There will be directional signs as well at some of the turning spots. Enter the building through the side doors, and go to Room 102 on the first floor (No need to take the stairs).
- B. Driving direction from Atlanta to the training venue:** Take I-85 S towards Montgomery (around 118 miles), Take EXIT 38, toward Tuskegee/Notasulga (0.2 mi) Turn left onto AL-81 (3.4 mi) (highway bends), Turn right onto Old Montgomery Road at the traffic light (Burger King on the left) (0.9 mi), Turn right at the traffic light and enter the Tuskegee University gate (Lincoln Gate), Take first left immediately after the gate, Turn right at the Stop sign, Turn left before the next Stop sign to the Parking lot behind the Mary Starke Harper Hall. There will be directional signs as well at some of the turning spots. Enter the building through the side doors, and go to Room 102 on the first floor (No need to take the stairs).
- C. Driving direction from Birmingham, AL:** Take I-65 S towards Montgomery (around 89.5 mi), Merge onto I-85 N via EXIT 171 toward Atlanta. Follow the direction from Montgomery to the training venue as given in (A) above.

Contact for further information, questions, or concerns: Dr. Uma Karki, Phone: 334-727-8336, Email: ukarki@tuskegee.edu

Program Support Team

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