



COOPERATIVE EXTENSION PROGRAM
COLLEGE OF AGRICULTURE, ENVIRONMENT AND NUTRITION SCIENCES

Integrated Approach for Managing Diseases and Parasites in Small Ruminants

July 26, 2017

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

Training Agenda

Program Schedule		Resource Person
8:00 AM	Registration, working breakfast, coffee	Yubaraj, Yvonne, Tuskegee University
8:15 AM	Welcome and Pre-test	Drs. Walter Hill/Conrad Bonsi/Ramble Ankumah/Olga Bolden-Tiller/Gurung
8:30 AM	Importance of integrated approach and highlights of ongoing work at Tuskegee University to minimize diseases and parasites in small ruminants	Uma Karki, Tuskegee University (TU)
9:10 AM	Major diseases of small ruminants and their prevention, control, and treatment strategies	Chance Armstrong, Louisiana State University (LSU)
10:00 AM	Use of FAMACHA and smart drenching to control barber pole worm	Uma Karki, TU
10:40 AM	10-Minute Break	
10:50 AM	Major internal and external parasites of small ruminants and their prevention, control, and treatment strategies	Chance Armstrong, LSU
11:40 PM	Lunch Break	Yubaraj, Yvonne, Tuskegee University
12:20 PM	Nutrition and feeding to minimize health problems in small ruminants	Nar Gurung, TU
Site Tour, Demonstration, and Hands-on Activities		
1:00 PM	Station 1 ((1:00-2:00 PM): Site tour and demonstration of the research plots – Browse site, silvopasture, and woodland grazing	Yubaraj Karki and Uma Karki
	Station 2 (2:00-2:50 PM): General health inspection, use of FAMACHA card, condition score, hoof inspection and trimming, taking temperature, medication (injections, drenching, topical), fecal sample collection	Uma Karki, Chance Armstrong, Sanjok Poudel
	Station 3 (2:50-3:10 PM) Use of feeds and forages containing tannin to control barber pole worm – TU Research update	Byeng Min, TU
	Station 4 (3:10-4:00 PM) Fecal sample examination, parasites eggs and parasite larvae, etc.	Asha Tillman, Sanjok Poudel, TU
4:05 PM	Afternoon snacks, cold drinks, water	Yvonne Wright
4:15 PM	Post-test and evaluation	Yubaraj Karki
4:30 PM	Certification and adjourn	Drs. Ntam Baharanyi/Uma Karki

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