



ASA HUTCHINSON
GOVERNOR

ARKANSAS AGRICULTURE DEPARTMENT

ARKANSAS FORESTRY COMMISSION
ARKANSAS LIVESTOCK & POULTRY COMMISSION
ARKANSAS STATE PLANT BOARD

1 NATURAL RESOURCES DRIVE, LITTLE ROCK, AR 72205 | (501) 225-1598 | AAD.ARKANSAS.GOV



WES WARD
SECRETARY OF AGRICULTURE

Recommendations for the Identification of Suspected *Haemaphysalis longicornis* (the Longhorned Tick)

Arkansas Livestock and Poultry Commission recommends that animal owners and producers work with their veterinarian in the event of unusual tick burdens or observations which lead to the suspicion of *H. longicornis*. We recommend that animal origin suspect ticks be sent to Dr. Susan Little at Oklahoma State University for further identification. Recommendations for tick removal, storage, and transport/shipping are provided below. Please contact Arkansas Livestock and Poultry Commission/Arkansas Agriculture Department if you have additional questions or concerns.

Recommendations for Tick Removal, Storage, Transport/Shipping:

Remove with forceps and place directly in 15 mL centrifuge tubes with screw top lids or 10 mL red top tubes (no additive) with stoppers. Try to remove with mouthparts intact by grasping very close to the skin but if they break please still go ahead and submit – we can PCR to confirm identity if needed. Submit as many as you have time to collect – more is always better. We often find mixed species infestations and multiples stages. All ticks from one animal can be placed in the same tube unless you need to track a specific tick attached to a specific location or associated with a particular lesion. Each animal should have its own tube labeled with animal name or number. If you need to put them directly into fixative for any reason, 70% ethanol is preferred.

Shipping Address: Attn: Dr. Susan Little
 250 McElroy Hall
 Center for Veterinary Health Sciences
 Oklahoma State University
 Stillwater, OK 74078

Lab phone: 405-744-3236

