

ASIAN LONGHORNED TICK

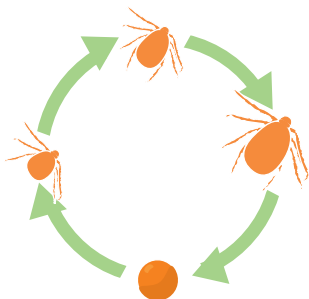
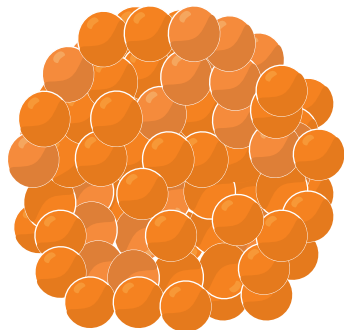
(AS OF SEPTEMBER 2019)



IMPACT

- The Asian longhorned tick is an invasive species that was first reported in the US in 2017. As of September 2019, they have been detected in 12 states.
- This parasite feeds in large populations on host animals, resulting in reduced growth and animal production, and in severe cases causes death from blood loss.
- These ticks are also associated with *Theileria* infection in cattle.
- They are found in shaded areas where animals rest, such as pastures, forests, and parks.

THE ASIAN LONGHORNED TICK IS PARTHENOGENETIC, MEANING THE FEMALE PRODUCES EGGS WITHOUT A MALE. ONE FEMALE CAN LAY BETWEEN 2,000 - 4,000 FERTILE EGGS.



THE ASIAN LONGHORNED TICK CAN REACH MATURITY WITHIN 6 MONTHS. THE AVERAGE FOR OTHER TICK SPECIES IS TWO TO THREE YEARS.



17 MAMMAL SPECIES AND 3 AVIAN SPECIES HAVE BEEN FOUND WITH THIS TICK ON THEM.

image: Freepik.com

PROTECT YOURSELF

WHEN OUTDOORS:

- Apply EPA-approved tick repellent to your skin
- Check yourself and children for ticks frequently
- Wear appropriately permethrin-treated clothing
- Walk in the middle of trails
- Avoid dense brush

WHEN INDOORS:

- Inspect clothing when finished with outdoor activities
- Before washing, place clothes in a dryer on high heat for 10 minutes to kill ticks
- Shower upon returning indoors to remove crawling ticks
- Pay special attention to places:
 - Clothing fits tightly
 - Belly buttons
 - Hairlines
 - Arms
 - Ears
 - Legs
 - Underarms
 - Between toes

PROTECT LIVESTOCK & PETS

- Consult your veterinarian to determine best tick prevention
- Standard tick regimens should be effective
- Keep grass and weeds trimmed
- Clear overgrown brush in pastures and yards
- Discourage animals from exploring dense brush on walks

REMOVAL & SUBMISSION

- With tweezers, grasp the tick firmly as close to the skin as possible
- Pull straight with steady pressure
- Place ticks in a sealable bag and write on bag the date, address, and either name of person or breed of animal
- Note that the bag should only contain ticks from one person or animal
- Store bag in a freezer for several months in case disease symptoms develop or tick needs to be identified
- Submit ticks to: University of Tennessee
Medical Veterinary Entomology
370 Plant Biotech Building
2505 EJ Chapman Drive
Knoxville, TN 37996

For more information, visit:

<http://www.aphis.usda.gov/aphis/maps/animal-health/asian-longhorned-tick>