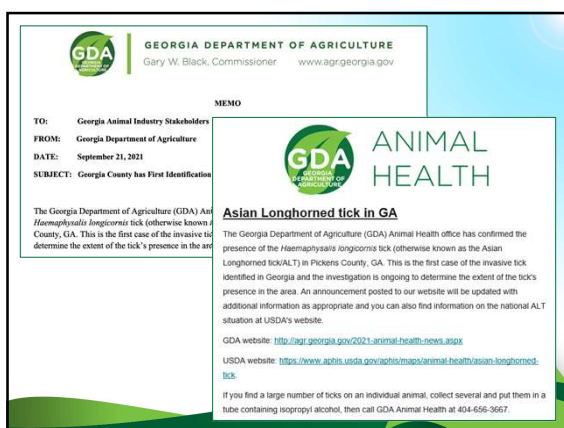
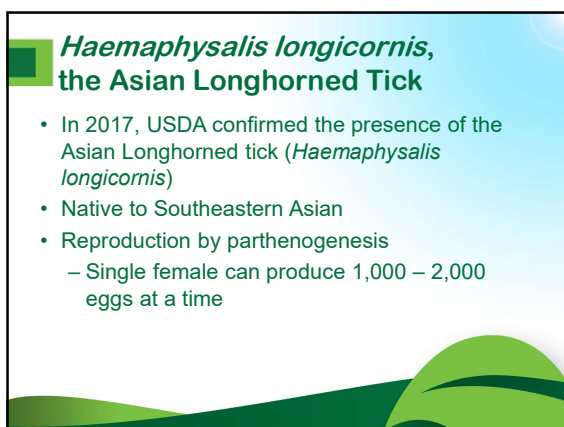


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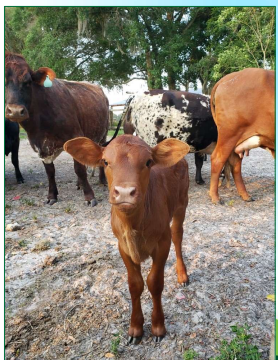
Asian Longhorned Tick (ALT)

- Probably arrived in the United States in or before 2010, potentially on domestic pets, horses, livestock or people.
 - Exact mode of entry unknown
 - *Haemaphysalis leporispalustris*
- ALT is a competent vector
 - Parasites (Theileria, Babesia)
 - Bacteria (Borrelia, Anaplasma, etc.)
 - Viruses (Powassan, Khasan, etc.)

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Potential Impacts to Animal Health


- Affects growth
- Causes stress
- Decreased production (i.e. milk)
- Exsanguination and death



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U.S. Distribution

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



Asian Longhorned Tick in USA - As of 10/4/2021

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Situation in GA

- Recently identified on a cow in Pickens County, GA
- Invasive ectoparasite
 - Treated as a Foreign Animal Disease Investigation
- Passive surveillance success story
 - rDVM identified unusual tick infestation and called us
 - Used a tick kit

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FADI process

- rDVM calls, identifies a potential foreign or reportable animal disease (or ectoparasite)
- Area VMO is assigned to the case
- Schedules a visit for the next day
- Samples collected
 - Delivered to SCWDS
 - Shipped to NVSL
- Quarantine issued pending results
- Herd plan developed

VMO Areas

August 2021

Legend:
Green: Areas
Yellow: Cases
Blue: Western
Orange: Eastern
Purple: Western
Dark Green: Eastern
Black: Eastern
Black: Eastern
Black: Eastern

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Site visit

- Index herd with ~70 head
 - Treated with 10% permethrin
 - Recommendations on environmental control
 - Make the environment less hospitable for ticks
 - Bush hogging or mowing pastures and fields
 - Limiting access for livestock to moist areas around streams and woodlands
 - Environmental treatment?
 - Tricky...

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Areas nearby

- Visited adjacent and other herds in the area
- One additional cattle herd with fenceline contact possible
 - Herd has also been treated

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To date:

- Cattle
- Opossums
- Cat



So far limited to Pickens County

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What's next?

- Awareness:
 - Communications with stakeholders
 - Printed materials for distribution
 - Webinars for producers and veterinarians
- Active surveillance in Pickens County
- Continue passive surveillance statewide
- Likely to find less over the winter
 - But when spring comes...

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Many thanks!

- USDA
- UGA – SCWDS, Extension
- DPH
- GDA staff
- And others...

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GDA Animal Health
State Veterinarian
404-656-3667
AnimalHealth@agr.Georgia.gov

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