

Prevention Strategies

Rodent Control: Removing brush, leaves, and tall grass from around homes and at the edges of gardens may help to reduce the number of tick-bearing mice and other rodents.

Deer Control: Managing deer populations in areas where Lyme Disease occurs may reduce tick abundance.

Physical barriers (hedges, fences) and the removal of favored plant foods may discourage deer from approaching homes. Applying pesticides to known deer bedding areas also helps kill ticks.

Tick Control: Applying certain pesticides to lawns, shrubs, and the edges of woodlands during spring and fall may help to kill ticks. Property line barriers also provide an obstacle deterrent for ticks

Contact MCVC to learn more about “Tick Tubes.”



Contact Information

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Monroe County Vector Control

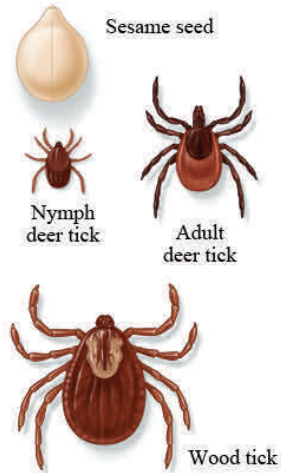
Tick Borne Disease Education and Prevention Program

- Identification and Life Cycle
- Lyme Disease
- Prevention
- Property Mitigation
- Contacting Monroe County Vector Control



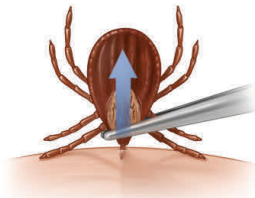
Identification / Life Cycle

- The two most common species present in Monroe County are Deer and Dog Ticks.
- Deer Ticks can transmit the bacteria responsible for Lyme disease; Dog Ticks cannot.
- Ticks have a two year life cycle. (Refer to photo to right.)
- Most active in spring and fall months.

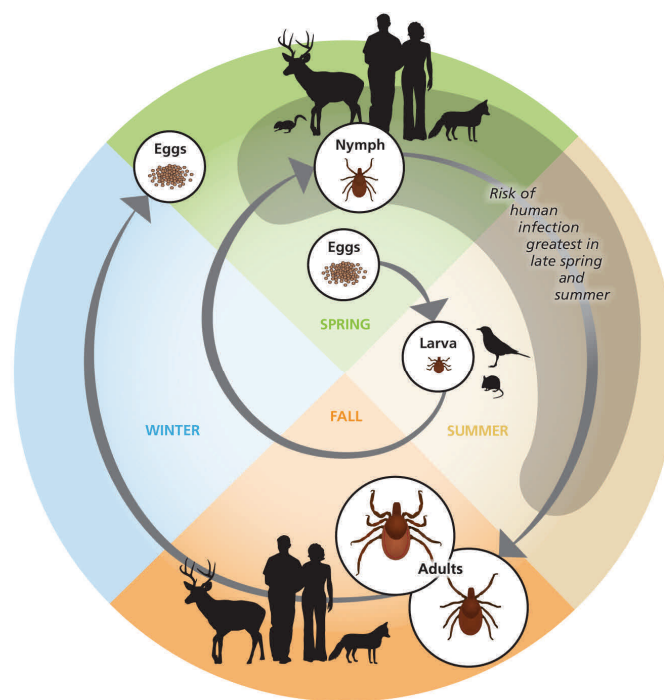


Lyme Disease

- Caused by the bacteria *Borrelia burgdorferi*.
- Transmitted through infected deer ticks.
- For transmission of bacteria to occur, tick must be attached at least 24 hours.
- Symptoms: Fever, headache, fatigue, and skin rash. This can further spread to the heart, joints and nervous system if left untreated.
- Removal:



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Prevention

Personal protection is the top priority in preventing tick attachment. Long sleeves, long pants tucked into socks, light colored clothing, and use of tick repellants will help reduce chances of tick attachment. A product with the insecticide *permethrin* is also available for clothing and equipment treatment.



Property Mitigation

“Tick Safe Landscaping” techniques can be used to help reduce tick population for homes and recreational areas. Creating dry environments reduces the ability of deer ticks to survive and reproduce. More details on back of pamphlet.

Monroe County Program Details

- The goal is to create and extend a network of local and government organizations to make the education and mitigation of ticks and tick borne-diseases more efficient and effective.
- The current gap between education, prevention, diagnosis, and treatment is too large.
- Northeast Wildlife DNA Lab provides Tick analysis. (570) 422-7885
- Educational workshops are available. Visit the Vector Control webpage for dates and details.
- Through this new program we will be able to reduce negative health risks for residents and visitors.
- For more information contact Monroe County Vector Control.