

Eric Baker Estill County Extension Agent for Agriculture & Natural Resources

Ticks are a concern for anyone who spends a sigtick population.

into the ticks found in the vice agents. state and will give UK eneffects of tick-borne dis- throughout the state." eases.

humidity and large deer transmit diseases. Most tached to a person for sevpopulation, Kentucky bites are an itchy nuisance eral hours. That's why it's you to view each edition provides an ideal envi- that last between seven important for people to *at the following internet* ronment for many tick and 10 days. species," said Jonathan Larson, UK extension en- tick has been the most outside and especially on *home-newsletter. For a* tomologist and a member common tick in Paster- areas of their body where hard copy, contact us and of Pasternak's master's nak's survey. Female lone ticks are commonly found degree advisory commit- star ticks have a white like the behind the ears, tee. "Anna's survey will spot on their backs, while hair, neck, legs and around give us a good picture of males are a reddish- the waist," Larson said.





Female versions of the most common ticks found in Kentucky are from left: the American dog tick, the lone star tick and the blacklegged tick.

(Photos courtesy of Anna Pasternak, UK entomology graduate student)

graduate degree program known as the "red meat tick-related disease." nificant amount of time in January 2019, Paster- allergy." All developmenoutdoors. A University nak has cataloged more tal stages of the tick will interested in submitting of Kentucky entomology than 2,700 ticks from feed on humans, and un- ticks to Pasternak for ingraduate student is col- across Kentucky. Before like other tick species that clusion in the Kentucky lecting ticks from across her survey, only 36 coun- lay in wait for a host, lone Tick Surveillance Program Kentucky to determine ties had any type of tick- star ticks actively seek out should contact the UK Cothe make-up of the state's related data. Now, more a blood meal. than 90 counties have Anna Pasternak, a stu- some information about is the only species that mission samples during dent in the UK College the ticks in their area. In tends to be active year- the COVID-19 pandemic. of Agriculture, Food and 2019, Pasternak collected round, and it is the only Environment, is gather- ticks from public areas vector of Lyme disease. tion on tick bite prevening information for the from April through Sep- Blacklegged ticks have a tion and proper tick renew Kentucky Tick Sur- tember, the time when reddish-brown body, dark moval is available in UK veillance Program. She is ticks are the most active. head, long mouthparts entomology's ENTFACT conducting the program She is doing so again this and dark legs. Males have 618: Ticks and Disease in in partnership with the year. She also accepts sub- a dark plate that covers Kentucky. It is available Kentucky Department of missions from Kentucky their whole body, while online at https://ento-Public Health. The pro- veterinarians and UK Co- females have a dark plate mology.ca.uky.edu/ef618 gram will provide insights operative Extension Ser- that only covers half of or by contacting the Estill

"Within the past year, tomologists, public health the most common ticks is the primary vector of professionals, govern- found in Kentucky are the Rocky Mountain spotted *distancing and more* ment officials and other lone startick, blacklegged fever. It is reddish brown time at home, UK Coopstakeholders valuable tick and the American dog with mottled white mark- erative Extension will ofinformation to help them tick. All are vectors of hu- ings on its back. Only adult *fer a weekly online news*prepare for new tick spe- man diseases," Pasternak American dog ticks feed letter called "Healthy at cies entering the state and said. "These ticks and their on humans. find ways to minimize the pathogens are established

"With our many forests, percentage of these ticks mans, ticks have to be at- *dom busters, and online*

their body.

The American dog tick 723-4557.

Rocky Mountain spotted *Some topics covered are* Fortunately, only a small fever to transmit to hu- *managing stress, bore*check themselves for ticks address https://exten-Thus far, the lone star every few hours while *sion.ca.uky.edu/healthy-*

Members of the public operative Extension Ser-The blacklegged tick vice to learn how to sub-

Additional informa-County Extension office at

In this time of social Home" that has timely "For Lyme disease and *tips for the whole family.* shopping tips. We invite we will mail you one.

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HERE IS A PLEASANT LITTLE GAME that will give you a message every day. It's a numerical puzzle designed to spell out your fortune. Count the letters in your first name. If the number of letters is 6 or more, subtract 4. If the number is less than 6, add 3. The result is your key number. Start at the upper left-hand corner and check one of your key numbers, left to right. Then read the message the letters under the checked figures give you.

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CryptoQuip

This is a simple substitution cipher in which each letter used stands for another. If you think that X equals O, it will equal O throughout the puzzle. Solution is accomplished by trial and error.

Clue: O equals P

ZC UTJ OXJOWX YBX GXNYUZVQ UDX RXBZUI JC UDXBRJIUYUI, TJSWG ZU

NX Y DXYUXG YBQSRXVU?

©2020 King Features Synd., Inc. CryptoQuote AXYDLBAAXR is **LONGFELLOW** One letter stands for another. In this sample, A is used for the three L's, X for the two O's, etc. Single letters, apostrophes, the length and formation of the words are all hints. Each week the code letters are different. DY UIF'GP OIZPIEP SPISAP VIFEB IE, SRGBDVFARGAU DE WDYYDVFAB ZIZPEBO, BCRB'O R ODME IY R ADYP ADXPW CIEIGRKAU. - GRVCPA ZRWWIN ©2020 King Features Synd., Inc.

the types of ticks that are out there, so we can minimize their effects." Since she began her

brown. Lone star ticks are "Prompt tick removal usvectors of human ehrlichi- ing fine-tipped tweezers osis, a bacterial disease can significantly lower a and alpha-gal syndrome, person's risk for getting a



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If you're someone people

count on, particularly in difficult moments, that's

a sign of a life lived honorably. Rachel Maddo

Bible Trivia Answers

"Test Your Bible Knowledge," with 1,206 multiple-choice questions

by columnist Wilson Casey, is available in bookstores and online.

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Isaiah; 6) Jacob Zechariah; 3) Micah; 4) Foxes; 5) **ANSWERS** 1) New; 2)