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The lone star tick is our most troublesome species based upon its frequency of attack on humans and animals; this is the time of year when they are at their peak.

# Our Most Troublesome Tick Species

Anyone accidentally moving thru clusters of tiny, hungry seed ticks (sometimes called turkey mites) can face a miserable few days. Female ticks lay hundreds to thousands of eggs in clusters on the ground. The masses of 6-legged larval (or seed) ticks that emerge from these eggs climb vegetation and wait with front legs extended to latch onto a passing human or animal. They will wander on the skin for a time (in some cases up to 24 hours) before attaching to feed. Barbed mouthparts are inserted into the skin and a cement is secreted to hold ticks in place while they engorge, a process that can take from 2 hours to 7 days; then they drop from the host. Ticks inject an an-

esthetic material that makes the actual bite painless. However, the bite site may be red and painful for 1 to 2 weeks after the tick has fed.

Frequent, careful inspections are essential for those who are in situations that expose themselves to ticks. Here are some tips: 1) Look for movement of very small, freckle-like spots on clothing and skin – they may be seed ticks. The larger nymphs and adults are much easier to see. Wearing light clothing, especially pants, will make them easier to spot. 2) Avoid overgrown areas along trail edges or woods – ticks are more likely to occur there. Insecticide sprays can be applied to shady areas or borders along woods, especially where small animals could live. In general, there is no need to spray open sunny, mowed areas of turf. Several lawn and garden insecticides are labeled for tick control in lawns such as Ortho Bug B Gon Lawn & Garden Insect Killer, Bayer Multi-Insect Killer Concentrate, Bayer Carpenter Ant & Termite

Killer, Spectracide Flea & Tick Killer, Spectracide Tri-azicide Insect Killer Concentrate, Dragon Lawn & Garden Protector, Bonide Bug Beater Yard & Garden Concentrate, and Carbaryl Sevin Liquid Insecticide. Follow the label direction for mixing and applying the diluted spray. 3) Use insect repellents or clothing treatments with permethrin when in areas where ticks are known to be active.

Ticks usually wander on people for some time before attaching. Regular inspections will help to catch them before this occurs. Also, it appears that disease infected ticks must feed for 24 to 48 hours before disease transmission occurs. More information on the lone star tick in Kentucky is available from the Extension Office (723-4557) or online at <http://www.ca.uky.edu/entomology/entfacts/ef648.asp>

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## Estill Ag News

Monday, September 15th @ 2pm

### Arboretum Walking Tour

Attention plant enthusiasts! University of Kentucky Arboretum showcases plants from all over Kentucky including vegetable/flower trials and a rose garden. Estill County Cooperative Extension Service has organized a guided walking tour of the Arboretum on Monday, September 15th, at 2:00 p.m. If you are interested in attending, we will take our office van (room for 11 passengers) or you can go on your own. We will leave from the Extension Office September 15th at 12:30 p.m.. Please pre-register no later than September 12th by calling 723-4557.

Tuesday, September 16th @ 1pm

### Pesticide Plastic Container Collection

Estill County Cooperative Extension and the Kentucky Department of Agriculture have partnered to offer a Rinse & Return Plastic Pesticide Container Recycling Program for Estill County. We will accept empty, triple-rinsed, plastic pesticide containers on Tuesday, September 16th, at 1:00 p.m.

The collection point will be the Estill County Extension Office, 76 Golden Court (off Stacy Lane). Containers must be triple-rinsed, label packets removed, and lids taken off (discarded lids properly). Containers will be inspected before accepted.

For more information or to schedule a drop off prior to the collection time, call 723-4557.

Monday, September 26th @ 6pm

### Attention Deer Hunters & Farmers

Estill County Cooperative Extension Service will host a Whitetail Deer Processing Overview and Deer Nuisance Law Update on Monday, September 29th, 6:00 p.m., at the Estill County Extension Office, 76 Golden Court (off Stacy Lane) in Irvine.

UK Extension Meat Science specialist Gregg Rentfrow will discuss deer processing and Kentucky Department of Fish and Wildlife representatives will cover Kentucky revised deer nuisance laws.

If you would like to attend, please pre-register by calling 723-4557 before September 26th.

Extension Office FREE Service

### Farm & Home Fall Soil Testing

Farmers, gardeners, and homeowners should consider soil testing to determine what nutrients are in their soils and what nutrients are lacking that must be added for proper growth of crops, pasture, vegetables, ornamentals, or lawns. Soil testing is a special chemical analysis that provides a guideline for lime and fertilizer needs of soils. Soil testing service is available to every Kentucky citizen through the University of Kentucky Agricultural Experiment Station and the Cooperative Extension Service. We have soil sample bags and soil probes we can loan.

At this time, Estill County farmers can soil test through our office for FREE thanks to funding by the Estill County Extension District Board. Offer has limitations so call or stop by for details. You can contact the Estill County Extension Service at 723-4557.

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**Jack Walling**  
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606-643-5080

## FARM SERVICE AGENCY AGRICULTURE NEWS

Richmond FSA Service Center  
1024 Ival James Blvd., Ste A-2  
Call 888-758-6909

### Livestock Producers Urged to Enroll in Disaster Assistance Program by Oct. 1

The U.S. Department of Agriculture (USDA) is encouraging producers who have suffered eligible disaster-related losses to act to secure assistance by Sept. 30, 2014, as congressionally mandated payment reductions will take place for producers who have not acted before that date. Livestock producers that have experienced grazing losses since October 2011 and may be eligible for benefits but have not yet contacted their local Farm Service Agency (FSA) office should do so as soon as possible.

The Budget Control Act passed by Congress in 2011 requires USDA to implement reductions of 7.3 percent to the Livestock Forage Disaster Program (LFP) in the new fiscal year, which begins Oct. 1, 2014. However, producers seeking LFP support who have scheduled appointments with their local FSA office before Oct. 1, even if the appointment occurs after Oct. 1, will not see reductions in the amount of disaster relief they receive.

USDA is encouraging producers to register, request an appointment or begin a Livestock Forage Disaster Program application with their county FSA office before Oct. 1, 2014, to lock in the current zero percent sequestration rate. As an additional aid to qualified producers applying for LFP, the Farm Service's Agency has developed an online registration that enables farmers and ranchers to put their names on an electronic list before the deadline to avoid reductions in their disaster assistance. This is an alternative to visiting or contacting the county office. To place a name on the Livestock Forage Disaster Program list online, visit <http://www.fsa.usda.gov/disaster-register>.

Producers who already contacted the county office and have an appointment scheduled need do nothing more. USDA is an equal opportunity provider, employer and lender.

## Stickeler's Puzzle

**STICKELERS** [sic].  
by Terry Stickels

Here's a "tree" alphametic. Remember, no word can begin with zero. All numbers from 0 to 9 are used.

MAPLE                    Let A = 1  
APPLE                    H = 0  
ASPEN                    N = 8  
+ ASH  
TREES

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### Stickeler's Answer on Page 11

**PAINTED ROOFING METAL**

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1.5 miles south of  
Booneville, KY on Hwy. 11  
in the Lone Oak Industrial Park

**Wishing Well®**

5	3	7	3	2	6	4	6	3	4	2	4	8
N	U	L	N	I	Y	Y	O	D	O	N	U	C
4	6	8	2	7	2	7	6	7	6	2	3	4
C	U	H	D	I	E	N	H	G	E	P	A	A
2	3	8	2	3	4	6	7	3	2	6	5	8
E	U	A	N	N	N	E	E	T	D	D	E	L
5	8	3	2	6	3	5	8	7	2	5	2	6
V	L	E	E	A	D	E	E	R	N	R	C	D
2	3	2	4	3	8	3	6	2	8	2	4	7
E	E	G	W	F	N	F	V	A	G	I	I	A
2	6	7	3	5	8	5	2	4	6	3	5	8
N	I	W	O	Q	E	U	E	N	C	R	I	S
3	2	8	6	7	8	7	5	7	8	7	8	8
T	D	A	E	H	H	I	T	L	E	E	A	D

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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**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.

EYA CVJX QYF ZLT'E GLTZA  
NLON EYA PLTG ZLT'E SXLO.  
- OVGGVNY SJFHAJP

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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: E equals Y

H NITTSNM ESI DSIPU CHLWRPE  
NJE RWJR JQE NMCHSIN NSDDMC  
TPJEMC HN J LSJP-SCHMQRMU  
TMCNSQ.

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## Puzzle Answers

September 10, 2014

**Puzzles4Kids**  
Answer

Riddle Answer:  
How you dune?

**FEAR & KNIGHT**  
answer

**Letter Box**  
Solution

L	I	E	K	V	C	M	S	O
M	C	O	S	I	E	V	L	K
K	S	V	O	M	L	E	I	C
E	O	K	I	L	V	S	C	M
C	V	M	E	O	S	L	K	I
S	L	I	C	K	M	O	V	E
O	E	C	L	S	K	I	M	V
I	M	L	V	C	O	K	E	S
V	K	S	M	E	I	C	O	L

**Even Exchange**  
answers

- Justin, Austin
- Biker, Baker
- Green, Greet
- Remain, Retain
- Hardy, Handy
- Cadet, Caret
- Pistol, Piston
- Appeal, Appear
- Honey, Honed
- Bruise, Braise

**INTERJECTIONS**

**Weekly SUDOKU**  
Answer

6	4	2	3	5	1	9	8	7
9	8	5	4	6	7	3	1	2
3	1	7	8	9	2	4	5	6
4	7	6	5	1	3	8	2	9
5	3	8	7	2	9	6	4	1
2	9	1	6	8	4	5	7	3
7	2	4	9	3	5	1	6	8
1	6	3	2	4	8	7	9	5
8	5	9	1	7	6	2	3	4

**CryptoQuote**  
answer  
The girl who can't dance says the band can't play.  
- Yiddish Proverb

**King Crossword**  
Answers  
Solution time: 25 mins.

B	O	H	R	S	U	P	S	A	P	S		
A	L	E	E	A	S	H	T	R	I	O		
R	E	A	L	N	E	O	A	G	E	D		
D	O	T	A	G	E	E	C	R	U			
P	A	R	A	N	O	R	M	A	L			
G	L	A	S	S	D	I	P	E	G	O		
R	I	P	E	S	I	X	S	N	O	B		
T	M	P	A	C	E	O	U	T	G	O		
P	A	R	A	C	H	U	T	E	S			
A	L	T	O	O	R	P	H	A	N			
S	N	I	S	H	L	A	W	E	C	L	E	O
P	O	S	H	A	L	E	C	L	E	O		
A	R	E	A	R	I	D	T	A	S	K		

**Bible Trivia Answers**

Casey's trivia book "Know It? ... or Not?" is available from BearManorMedia.com

ANSWERS: (1) Did; (2) En-to-Place; (3) Jacob; (4) Nazareth; (5) Place; (6) Jochbed