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According to UK Extension Entomologists, it is chigger time across Kentucky. Just talking about them may make you itch. Chiggers are actually the immature stage of certain mite species. You'll find them most often in overgrown bushy areas. They also congregate in shady, humid areas near stream banks, under or around shade trees or in berry thickets.

Only the larval (immature) stage of this family of mites causes the itching problem. After hatching, larvae crawl around until they find and attach to a suitable host. In addition to humans, chiggers feed on a variety of wild and domestic animals, including snakes, turtles, birds, rodents and domestic pets such as dogs and cats.

A widespread myth is that chiggers burrow into your skin and feed on your blood.

# Chigger Time

This isn't true. Instead, they attach to a skin pore or hair follicle and then inject a salivary fluid that produces a hard, domed area around them, and they use a feeding tube to withdraw liquefied tissues from hosts. The red welt rash and intense itching are allergic reactions to the salivary secretions and can last for up to two weeks or longer.

Larvae feed for about three or four days; then drop off and eventually mature into non-parasitic adults.

There are ways you can protect yourself from these itchy pests. Avoid walking through unmown fields, brush and other overgrown areas. Instead, walk in the center of mown trails to avoid brushing up against vegetation where chiggers congregate.

Create a chigger barrier when you hike or camp in potentially chigger-infested areas so that chiggers can't come in contact with your skin. Wear long pants that are tucked into boots or socks and long-sleeve shirts. Clothing made of tightly woven fabrics keep chiggers from reaching the skin as easily.

You can also apply an insect or tick repellent; just be sure to read and follow the directions on the container. Products containing DEET or picaridin are easy to find and use. Also, there are clothing treatments contain-

ing permethrin.

Showering or bathing immediately after coming indoors effectively removes chiggers that have not yet attached. If that is not possible, thoroughly and briskly rubbing your skin with a dry towel may remove many chiggers before they are able to attach and feed.

While chiggers are most common in wild overgrowth, they can also make a home in shady areas of yards, parks, camps, picnic sites and recreation areas. You can control chiggers in your outdoor environment with effective

vegetation management that allows penetration of sunlight and reduces humidity. Prune trees and bushes and mow closer to allow more sunlight and to lower humidity. Remove scrub brush piles and accumulated debris to reduce protection for small animals and are important hosts for chiggers. As an added benefit, these steps will reduce problems with ticks as well.

Contact the Estill County Extension Office at 723-4557 for more information.

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## UK COOPERATIVE EXTENSION SERVICE

University of Kentucky - College of Agriculture

**Estill County**  
**4-H Youth Development**  
**Isaac L. Hollon**  
Estill County Extension Office

July 7th-11th and July 18th-20th

### 4-H Summer Camp & Cloverbud Camp

There is still time to sign up for 4-H Summer Camp. Estill County youth (ages 9 - 14) will be camping July 7th-11th. Scholarships are still available for this camp.

Cloverbud Camp will be July 18 - 20. This 3-day camp is for youth ages 6 - 8. Stop by the Extension office to pick up an application for either of these camps or call 723-4557 for more details.

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**The Garden Bug**

Hang these in sunny areas

- Lantana
- Moss Rose
- Verbena
- Sweet Alyssum
- Black-eyed Susans
- Blue Daze
- Periwinkles
- Purslane

- Brenda Weaver  
Source: homeguides.sfgate.com

## Stickeler's Answer

One.

77 won Cowboys T-shirts	23 did not
82 won Penguins T-shirts	18 did not
59 won Yankees T-shirts	41 did not
83 won Maple Leafs T-shirts	17 did not
	99 did not

Stickeler's Puzzle on Page 11

## Wishing Well®

4	3	6	3	2	7	2	7	8	7	5	2	3
A	N	A	O	Y	B	O	U	P	S	B	U	C
6	3	7	3	8	7	6	4	7	2	8	4	2
B	L	I	O	R	N	R	S	E	P	A	W	L
7	6	3	7	3	7	8	4	6	2	7	2	7
S	I	U	S	D	S	I	E	E	A	U	N	C
4	3	2	5	4	7	3	5	6	5	7	2	7
E	S	A	U	T	C	T	S	F	Y	E	C	S
3	6	8	7	4	8	4	2	6	8	2	4	5
O	E	S	S	L	E	I	R	N	C	U	F	F
2	6	8	4	5	6	8	2	5	3	6	8	2
I	C	O	E	U	O	W	S	T	D	U	O	E
5	8	6	3	6	8	5	8	6	3	6	5	8
U	R	N	A	T	K	R	E	E	Y	R	E	R

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.

UYM HRTA HONEF URFY  
MSNZPGEH? KEGTFM SH  
SFYGZP UREE AS RF HSZ  
MSN. — ONFY SZ NTVTSUT

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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: I equals S

WJDIIRW YPOUJ DVPBL D  
VBCCRYX DWLTUII DYC FUT  
RYWTRZRYDLRYX ZRIIROU:  
"LFU ILDTJUL JULLUT."

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## FARM SERVICE AGENCY AGRICULTURE NEWS

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

### Reporting Reminder

The (USDA) Kentucky Farm Service Agency (FSA) reminds agricultural producers that July 15, 2014, is the deadline to file an acreage report for spring seeded crops. Planted acres must be reported to FSA by July 15, 2014. The Agricultural Act of 2014 (2014 Farm Bill) requires producers on a farm to submit annual acreage reports on all cropland.

Although some federal farm program enrollments have not yet started, timely acreage reports for all crops and land uses, including prevented and failed acreage that producers submit to their local FSA office, are important to ensure program eligibility.

Acreage reports to FSA are considered timely filed when completed by the applicable final crop reporting deadline, which may vary from state to state. Perennial forage crops intended for grazing or haying were required to be reported last fall, whereas perennial forage crops with an intended use of cover only, green manure, left standing, or seed, must be reported by July 15.

Although July 15 is the most common deadline to report acreage for spring seeded crops, this date may be different in locations with climates that are warmer or cooler than average. Producers should contact their county FSA office if they are uncertain about acreage reporting deadlines. Failed acreage must be reported before the disposition of the crop and that prevented acreage must be reported within 15 calendar days after the final planting date for the applicable crop.

## Puzzle Answers July 2, 2014

### Puzzles4Kids

Answer

SWEATY	Y	WASTE
INSEAM	A	MINES
REWIND	N	WIRED
KNIVES	K	VINES
SIMPLE	E	LIMPS
CREASE	E	SCARE
DIPPER	P	PRIDE
QUOTES	O	QUEST
ORACLE	O	CLEAR
MISLED	D	MILES
BRIDAL	L	BRAID
TEAMED	E	MATED

### Letter Box

Solution

I	A	O	R	D	V	F	N	K
N	V	D	F	A	K	R	I	O
F	R	K	N	O	I	D	V	A
A	D	R	O	V	N	K	F	I
K	I	N	D	F	A	V	O	R
O	F	V	I	K	R	A	D	N
R	K	I	V	N	D	O	A	F
D	N	F	A	R	O	I	K	V
V	O	A	K	I	F	N	R	D

### FEAR & KNIGHT

answer

		T			
P	A	T	H	O	S
I				R	E
L				O	N
S	A	W		W	I
Q	U	A	I	N	T
U	R			S	O
A	N				
W					

### Even Exchange

- answers
- Stamp, Stump
  - Poster, Pestler
  - Marry, Merry
  - Garnet, Garner
  - Venus, Menu
  - Point, Paint
  - Beauty, Beatty
  - Cello, Cells
  - Middle, Riddle
  - Robin, Rosin

### Weekly SUDOKU

Answer

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

### King Crossword

Answers

Solution time: 24 mins.

H	E	E	D	S	O	P	E	N	S
T	O	S	S	U	P	P	L	A	I
H	O	T	T	E	R	T	O	T	T
A	K	A	T	I	M	I	D	W	E
W	A	T	T	G	A	M	S	I	Z
S	H	E	A	R	Y	A	C	H	T
	W	A	S		L	O			
B	R	I	N	G	E	R	P	A	R
L	U	C	Y		C	O	M	L	I
O	D	E		L	U	C	A	S	
C	O	T	T	E	R		P	O	T
S	L	E	E	V	E		L	O	N
F	A	R	I	S		E	N	T	R

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

ANSWERS: (1) Old; (2) Sin; (3) Charity; (4) Sennacherib; (5) Adonibezek (6) Aaron