

Eric Baker
Estill County Extension Agent for Agriculture & Natural Resources

It is likely eastern tent caterpillars will begin to hatch soon, according to Lee Townsend, UK Extension entomologist. After spending about nine months as eggs in masses on twigs of wild cherry and related trees, the first few tiny eastern tent caterpillars (ETC) of the season soon should be leaving their eggs.

“The onset of the single generation that occurs each year varies with the character of the season. Hatch was noted as early as March 14, 2012, during an unseasonably warm spring, and as late as April 2, 2014, during one that was slow to develop,” he

Tent Caterpillars Hatching Soon

said. The larvae are among the first insects to become active in the spring and are prepared to cope with Kentucky's erratic temperature swings. "Egg hatch is relatively random and occurs over an extended period. This increases the chance for survival in case of late freezes," Townsend said. "In addition, the small but hardy caterpillars will remain clustered on egg masses to 'wait out' temperatures that are too low for feeding and development. ETC grow and develop when the temperature is above 37 degrees F." According to Townsend, while it is possible to predict approximately when to expect tent caterpillar activity, there is no reliable information to track general population trends other than observing local activity and watching for tents to develop from mid-March through mid-April.

When mature, the 2- to 2.5-inch long, hairy caterpillars wander from their developmental sites along fence lines. Consumption

of large numbers of caterpillars by pregnant mares precipitated staggering foal losses in the Mare Reproductive Loss Syndrome outbreak of 1999-2001. MRLS can cause late-term foal losses, early- and late-term fetal losses and weak foals. UK researchers conducted studies that revealed horses will inadvertently eat the caterpillars, and the caterpillar hairs embed into the lining of the horse's alimentary tract. Once that protective barrier is breached, normal alimentary tract bacteria may gain access to and reproduce in sites with reduced immunity, such as the fetus and placenta. If practical, farm managers should plan to move pregnant mares from areas where wild cherry trees are abundant to minimize the chance of caterpillar exposure. The threat is greatest when the mature tent caterpillars leave trees and wander to find places to pupate and transform to the moth stage.

Eastern tent caterpillars are also a significant nuisance to people living near heavily infested trees. The caterpillars may wander hundreds of yards in search of protected sites to spin cocoons and pupate.

To get rid of active caterpillars, Townsend recommends pruning them out and destroying the nests if practical. Farm managers can use any one of several biorational insecticides registered for use on shade trees as needed. These types of insecticides are relatively nontoxic to humans. Spot treatments to the tents and the foliage around them can be applied according to label directions, which vary by product.

For more information on this article or Extension programs, contact the Estill County Extension office at 723-4557.

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The Garden Bug

Safer spots for birdhouses

Source: www.all-birds.com

- Birds may reject a birdhouse placed near food or water, as these attract raccoons and rats that will eat birds and their eggs.
- Claw marks on the house's surface or nesting material pulled from the entrance will show you these predators are around and can easily reach the birdhouse.
- Try mounting the house away from food and on a metal pole, rather than on a tree trunk or hanging it on a branch. Smear the pole with a petroleum jelly/hot pepper mixture and spread sharp gravel around the base to discourage intruders.

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Birding BITS BY Cindy Brook

Nest Building
Birds are gathering material for their nests, and you can help. Put out soft things like string, yarn and (clean) dog hair (NO dryer lint!). These items can be hung from tree branches or scattered on the ground. They'll be easy to spot and will provide extra cushioning for new hatchlings.

E-mail: birdingbits@cflrr.com
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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

Saturday, March 17th from 8am to 2pm

Estill 4-H Teen Yard Sale Rescheduled

The 4-H Teen Club yard sale has been RESCHEDULED TO Saturday, March 17th from 8 a.m. until 2 p.m. This fundraiser is to help raise money for leadership trips planned for this Spring and Summer. The location will be at the Estill County Extension Office located at 76 Golden Court, off of Stacy Lane.

Thursday-Saturday, March 22nd-24th

Hunters Education Class (orange card)

There will be a Hunter's Education Class (orange card) at the Estill County Extension Office. The 3-day class will be Thursday and Friday, March 22nd & 23rd from 6-9 p.m., and Saturday, March 24th starting at 9:00 a.m. at the Estill Co. Sportsmen's Club. You must attend all 3 classes to obtain your orange card. Ages 9 and older (as of March 24).

Stickeler's Puzzle



Each symbol in the puzzle square below represents a whole number. The numbers outside the square are the sums of each respective row and column.

Can you determine the value of each symbol?

*	◆	○	*	30
○	◆	○	◆	40
○	◆	*	○	34
*	*	◆	*	26
28	38	34	30	

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Stickeler's Answer on Page 11

Farming News

from Extension Agent Eric Baker

Thursday, March 15th @ 5pm

Extension Fruit Trees Pruning Workshop

If you are interested in knowing how to prune your fruit trees and other common fruiting plants, come to the Extension Fruit Trees & More Pruning Workshop on Thursday, March 15th, 5:00 p.m. We will have the workshop at Earl Blackwell's residence, 242 Kirkland Avenue (State Highway 1645) in Irvine. If you are coming, please let us know by calling 723-4557.

Monday, March 19th @ 6pm

Beekeeper Meeting

The will be a beekeeper meeting on Monday, March 19th, 6:00 p.m. at the Estill County Extension office. Tammy Potter, Kentucky's State Apiarist, will be our guest speaker. We have planned to have a potluck meal at 6:00 p.m. and the program at 6:45 p.m. If you plan to attend, please let us know by calling 723-4557.

Tuesday, March 20th @ 7pm

High Tunnel Grower Meeting

Estill County Extension Service has organized a high tunnel grower meeting for Tuesday, March 20th, 7:00 p.m., at the Extension office, 76 Golden Court, Irvine. UK Extension horticulturalist Krista Jacobsen will bring information on growing in these structures and Extension entomologist Ric Bessin will discuss insect pest issues. Call 723-4557 if you plan to attend.

Monday, March 26th @ 6pm

Cattle Producer Meeting

Cooperative Extension and the Estill County Cattlemen Association will host a cattle producer meeting on Monday, March 26th, 6:00 p.m., at the Extension office. DOW chemical representative Scott Flynn will discuss pasture weed control options and a catered meal will be provided. Please pre-register by calling 723-4557 before March 22nd.

Estill Extension is an Equal Opportunity Provider

Wishing Well®

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

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: V equals E

F B V S V U V C K Q I K S O I Z V W I H K O
 R D F V V M P D G B V G M H, V U V C D Y I Z D
 M V V W H P I I M K S Q T O R V F K O B
 Y T S M H O T C V H.

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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.

A N E E K U U H H M N Y J K Z O K J H
 B Z N X U A C B K Y — H B Z L U N
 I H U K V U N B V Q C B Y Q U N
 I H U N S U N X.
 — J H V V H U C Z C K D H O L

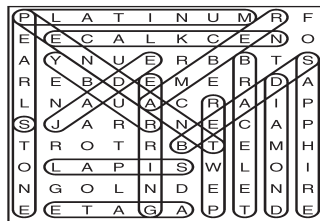
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Puzzle Answers

March 14, 2018

Puzzles4Kids Answer

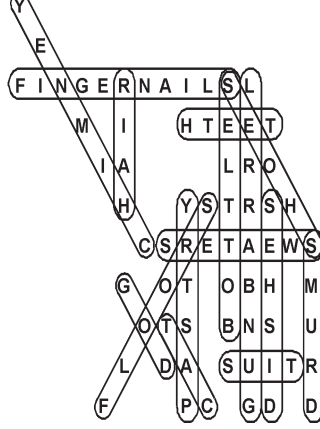


Riddle Answer:
Fourteen carrot gold.

Letter Box Solution

N	I	G	H	T	M	A	R	E
E	M	A	G	N	R	T	I	H
R	T	H	I	E	A	N	G	M
I	A	N	R	H	G	M	E	T
H	G	E	T	M	I	R	N	A
T	R	M	N	A	E	G	H	I
A	H	I	M	G	N	E	T	R
G	E	R	A	I	T	H	M	N
M	N	T	E	R	H	I	A	G

THINGS WE BRUSH



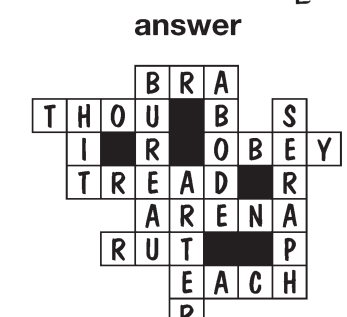
CryptoQuip answer

Whenever I go in to deposit my weekly checks, everybody keeps looking at me with bank stares.

CryptoQuote answer

Committee work is like a soft chair — easy to get into and hard to get out of. — Kenneth Shively

FEAR KN&T answer



Even Exchange answers

- Poster, Potter
- Flock, Frock
- Horse, Horde
- Sanity, Vanity
- Shark, Shack
- Market, Marker
- Place, Plate
- Rocket, Racket
- Older, Odder
- Diver, Diner

Weekly SUDOKU

Answer

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

King Crossword

Answers

Solution time: 25 mins.

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

Bible Trivia Answers

Now available by Wilson Casey! 2017 Bible Trivia box calendar loaded with daily teasers.

ANSWERS 1 New; 2) Brocho, 5) Phillip; 6) 175 Stomach; 3) Riches; 4) RICHES