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Agent for Agriculture
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Tent Caterpillar Hatch Begins

peratures in the 30-degree Fahrenheit range should not affect their survival.”

Eastern tent caterpillars spend the winter as tiny, fully developed insects in distinctive egg masses that encircle twigs of wild cherry and related trees. It is one of the first insect species to become active in the spring and is well adapted to survive Kentucky's erratic winter and early spring weather.

Populations of eastern tent caterpillars have been increasing steadily over the past four to five years. This trend is likely to continue, producing locally high numbers in some areas, Townsend said. The rise in numbers is normal and mirrors the cyclical aspects of insect populations in general. Eastern tent caterpillar cycles are roughly 10 years in length. After two or three high years, the numbers usually drop again due to diseases or natural enemies.

When mature, the large, 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 digestive tract. Once that protective barrier is breached, normal digestive tract bacteria may gain access to and reproduce in sites with reduced immunity, such as the fetus and placenta.

Townsend said horse owners and farm managers with pregnant mares should begin to monitor fence lines containing wild cherry and other host trees in about 10 days. They should look for small tents produced by developing caterpillars. If practical, farm managers should plan to move pregnant mares from areas where these 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. Spot treatments to the tents and the foliage around them can be applied according to label directions, which vary by product.

Young caterpillars can be killed by applying a natural Bt insecticide containing *Bacillus thuringiensis var kurstaki*. Some other insecticides include Sevin, Bonide Eight, Captain Jack's Deadbug Brew, Malathion, other products listing caterpillars on the label. Larvae within the tents are protected beneath the webbing and are more difficult to kill with an insecticide so treat the leaves on which they feed. Caution – be sure to follow the insecticide label instructions.

For more information, contact the Estill County Extension office at 723-4557.

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Eastern tent caterpillar egg hatch was reported March 17th in Scott County. "This year's first observed hatch is seven days earlier than 2015, reflecting the warm spring temperatures," said Lee Townsend, University of Kentucky College of Agriculture, Food and Environment extension entomologist. "The hatch is not synchronized; tiny larvae will continue to emerge over the next two weeks from eggs laid last summer on wild cherry, flowering cherry, apple and related trees. This is a hardy insect so low tem-

Wishing Well®

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

UTONADT YJT QNWPTK WD
 KTDBMVDWUPT HMK QADY YCM
 BKWDMV DTOYWMVD, JT'D
 DMFTYWFTD ONPPTR N FNV MH
 HTC CNKRD.

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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.

LN (TMRMCWNZ) LMD
 VRRMDOVUMW GWMDLND VG
 DOWNURN FLMF TMXN LOD
 RVUKNBDMFOVU
 SNBGNRFWZ INWOELFGCW.
 — DZIUNZ DTOFL

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Stickeler's Puzzle

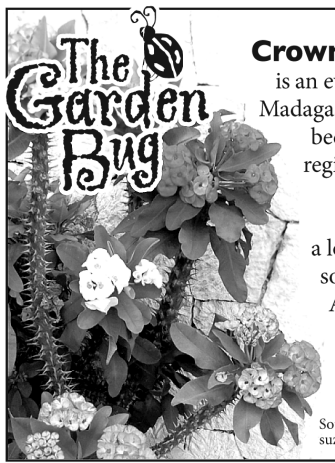


Here is a tribute to my readers ...
 in alphabetic form.

This puzzle has two solutions where
 E = 6 and H = 3 in both.
 Remember, no word can begin with a zero.
 (Only nine different letters are used.)

THEY
 ARE
 + VERY
 SMART

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Crown of thorns (*euphorbia milii*) is an evergreen, succulent plant native to Madagascar. It does well in sunny outdoor beds in warm climates, and in cooler regions it does well as a houseplant in a sunny window, blooming from spring into late summer. It prefers a location in full sun but will tolerate some shade for a portion of the day. A tough plant, crown of thorns is a good choice for a seaside location with salt spray or soil with a high salt content. — Brenda Weaver

Sources: homeguides.sfgate.com
 sizzandtell.wordpress.com

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Stickeler's Answer on Page 11

AUCTION

(ABSOLUTE - RAIN OR SHINE)

Saturday, April 2ND at 10:00AM

REAL ESTATE

Barnes Realty & Auction has been authorized to sell at public auction the real estate of the late Mr. Tracy Warner located at 1600 Sand Hill Road, Irvine, Ky.

LOCATION: 1600 Sand Hill Road, Irvine, Ky.

DIRECTIONS: From Irvine, take Hwy. 52 1.8 miles, turn right on Hwy. 1457 (Sand Hill Rd.), proceed 1.5 miles & watch for signs. From Lex., take 1-75 to exit 90A (Robert Martin By-Pass) to Hwy. 52 E, turn left on (Irvine Rd.) approx. 13 miles, turn left on Hwy. 1457 (Sand Hill Road).

REAL ESTATE: House-Barn-100 acre farm (more or less) - Large Boundary

The house has 3 bedrooms, living, dining, kitchen & bath on main level. There is a 13' breezeway connecting the house to a 14' x 25' one-car garage. The property has city water, small outbuilding and a 48' x 65' barn. The subject property has 540' of Sand Hill Road frontage. This farm has several springs, pasture land, wooded area, timber and is partially fenced.



1600 Sand Hill Road, Irvine, Ky.

PERSONAL PROPERTY — GUNS: H & R 622 double action pistol, 410 Stevens-single barrel, Marlin 12 gauge pump, 12 gauge shotgun, J N Scott 12 gauge double barrel, Winchester 22 single shot-Model 67 (L or LR).
TERMS: 10% down day of sale on real estate, balance on or before 30 days with delivery of deed. Personal Property—Cash or check with proper ID day of sale with 6% sales tax. 2016 property tax will be prorated. Any and all inspections are the responsibility of the buyer to be made prior to day of sale. Property is being sold "As Is" condition. Not responsible for accidents. Announcements day of sale takes precedence over printed material.

AUCTIONEERS' NOTES: GREAT LOCATION - Rare really nice farm. Only 1 1/2 miles off Richmond Road. House and barn are in need of repairs. Timber has not been harvested-Check this out. Whether looking for any or all of these: timber-pastureland-wooded area (ideal for hunting)-cattle/horse farm operation-subdividing—LOOK NO FURTHER-THIS IS IT!!

Barnes Realty & Auction



Barbara Barnes
 Broker

(606) 723-5396
 Irvine, Kentucky

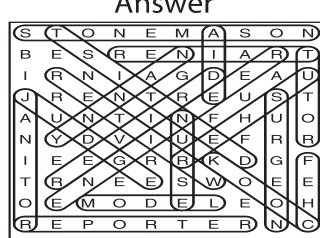


Donnie Barnes
 Jeff Carter
 Auctioneers

Puzzle Answers

March 23, 2016

Puzzles4Kids

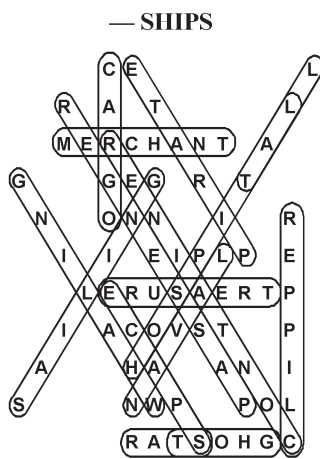


Riddle Answer:
 Being a ruff-eree.

Letter Box

Solution

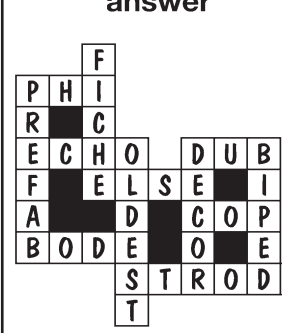
I	G	Y	R	B	T	O	P	H
P	B	H	G	O	Y	R	I	T
O	R	T	P	H	I	Y	G	B
R	P	B	O	T	G	H	Y	I
G	Y	I	H	P	R	T	B	O
H	T	O	Y	I	B	G	R	P
Y	O	P	B	G	H	I	T	R
T	H	R	I	Y	P	B	O	G
B	I	G	T	R	O	P	H	Y



CryptoQuip
 answer
 Because the jailer is responsible for just two prison sections, he's sometimes called a man of few wards.

CryptoQuote
 answer
 He (Macauley) has occasional flashes of silence that make his conversation perfectly delightful. — Sydney Smith

FEAR & KNIGHT



Even Exchange

- answers
- Marble, Warble
 - Child, Chili
 - Bitter, Batter
 - Small, Smell
 - Andrew, Andrea
 - Pride, Prize
 - Bacon, Baron
 - Design, Resign
 - Shore, Store
 - Cashew, Cashed

Weekly SUDOKU

Answer

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

King Crossword

Solution time: 24 mins.

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

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

ANSWERS (1 New: 2)
 Elias; (5) Pharaoh; (6) City gate; Aaron; (3) Ephesus; (4) Ana-