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## Defoliating Caterpillars

Recently, several homeowners have contacted me about oak trees being attacked by a striped caterpillar. The orange-striped oak worm is an example of one of the caterpillar species that can strip trees of their foliage in a short period of time. Newly hatched larvae feed in groups on surface tissue of leaves creating small irregular brown areas. They disperse as they grow and begin

to eat all of the leaf except main veins. Often, damage is not noticed until significant defoliation occurs. By then, the caterpillars have left the tree and burrowed into the soil to pupate.

This is the general pattern followed by several species that are active in late summer. While there is aesthetic damage, healthy trees generally survive with little crown dieback or loss of vigor. Caterpillar numbers may be high for 2 or 3 consecutive years but usually are regulated by natural enemies.

While most trees are too large to be sprayed with an insecticide, smaller trees can be treated to reduce caterpillar feeding damage. Some examples of insecticide brands are Sevin, Bonide Eight or Captain Jack's Dead Bug Brew, Spectracide Triazicide Insect Killer for Lawns & Landscapes, and Ortho Bug-B-Gon Max. Follow the label directions. Any insecticide listing caterpillars on the label should be effective.

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**The swamp sunflower** grows throughout North America near bogs, ponds, lakes or rivers. Its flowers, which feature bright yellow petals and dark centers, appear in early autumn and draw butterflies, bees, and other nectar feeders. Caterpillars, cutworms and other pests feed on the plant as well.

- Brenda Weaver

Source: www.easywildflowers.com, www.finegardening.com, www.claytonvns.org

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## FARM SERVICE AGENCY AGRICULTURE NEWS

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

### Consider Risk Protection Coverage

Farm Service Agency Administrator is encouraging producers to examine the available U.S. Department of Agriculture (USDA) crop risk protection options, including federal crop insurance and Noninsured Crop Disaster Assistance Program (NAP) coverage, before the sales deadline for fall crops.

Deadlines are quickly approaching to purchase coverage for fall-seeded crops. Crops not covered by insurance may be eligible for the Noninsured Crop Disaster Assistance Program. The 2014 Farm Bill expanded NAP to include higher levels of protection. Beginning, underserved and limited resource farmers are now eligible for free catastrophic level coverage, as well as discounted premiums for additional levels of protection."

Federal crop insurance covers crop losses from natural adversities such as drought, hail and excessive moisture. NAP covers losses from natural disasters on crops for which no permanent federal crop insurance program is available, including forage and grazing crops, fruits, vegetables, mushrooms, floriculture, ornamental nursery, aquaculture, turf grass, ginseng, honey, syrup, bioenergy, and industrial crops.

Deadlines for coverage vary by state and crop. To learn more about NAP visit [www.fsa.usda.gov/nap](http://www.fsa.usda.gov/nap) or contact your local FSA county office at the Richmond at 859-624-1980 x 2.

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# Farm News

Monday, September 21st @ 4:30pm

## Estill County Extension Farm Field Day

Estill County Extension Farm Field Day is scheduled for Monday, September 21st. The farm tour will begin at 4:30 p.m. at Austin Rogers Farm 5585 Sand Hill Road (highway 1457). Watch for signs. Transportation is on your own. Tour topics include the value of stockpiling fescue, soil health cost share update, winter feeding tips for cattle, farm tractor safety, and KY Industrial Hemp Pilot Program update. At the conclusion of the tour, participants will meet at the Extension Office for a sponsored meal.

For those not going on the farm tour, there will be two educational programs at the Extension Office beginning at 6:00 p.m. Family & Consumer Sciences agent Chelsea Bicknell will present a lesson called "Universe of Possibilities: Skills for Creating Happiness and Blessing Others". 4-H Youth Development agent Isaac Holton has planned a fun activity for the kids too.

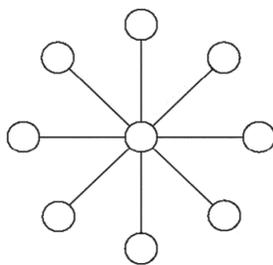
Everyone is invited and we will have door prizes too! Please pre-register for the event by September 17th by calling 723-4557. We encourage you to join us!

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## Stickeler's Puzzle



Can you arrange the numbers 1 through 9 in the diagram below in such a way that the sum of the three numbers in any straight spoke equals 15?



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## Stickeler's Answer on Page 11

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  - Sausage . . . . . \$3<sup>50</sup>/Lb. (Hot, Medium or Mild)
  - Whole Cured Ham . . . . . \$3<sup>50</sup>/Lb. (Sliced is \$4.00 per Lb.)
  - Ham Steak . . . . . \$3<sup>50</sup>/Lb.
  - Ham Cutlets . . . . . \$3<sup>50</sup>/Lb. (Similar to cube steak, only ham)
  - Bacon . . . . . \$4<sup>25</sup>/Lb.
  - Jowl Bacon . . . . . \$3<sup>50</sup>/Lb.
  - Pork Tenderloin . . . . . \$4<sup>50</sup>/Lb.
  - Pork Chops . . . . . \$4<sup>00</sup>/Lb.
  - Spare Ribs . . . . . \$3<sup>50</sup>/Lb.
  - Country Style Ribs . . . . . \$3<sup>50</sup>/Lb.
  - Baby Back Pork Ribs . . . . . \$3<sup>50</sup>/Lb.
  - Pork Burgers . . . . . \$4<sup>00</sup>/Lb. (Ground, pattied pork with no seasoning)
  - Bratwursts . . . . . \$4<sup>00</sup>/Lb.
- Bundle Packages**
- 1/4 Processed Hog . . . . . \$115<sup>00</sup>
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## Wishing Well®

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

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: X equals T

PS W JAYZ NWGJ PR

YWKXPTGPGE RTFATGA SLTF XNA

QWYZ TS XNA QTWX, VTKUJ

XNWX QA W RXALG VWLGPGE?

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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.

KE EAXHEO OXKFN PV KIX

ELX AMRR FXMIHN; KE

ELMFEO, ELX AME; KHJ KE

VPFEO, ELX QDJZXHE.

- IFKYMKH

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# Puzzle Answers

September 2, 2015

## Puzzles4Kids

Answer

When does a teacher carry birdseed?  
When there is a parrot-teacher conference.

## FEAR & KNIGHT

answer

C	U	E	D
I	A	D	
S	T	U	R
E			
A	D	S	I
P	S	E	U
O	S		P
R	U	S	T
T			

## Letter Box

Solution

P	D	O	E	T	H	C	B	U
H	T	U	P	C	B	E	O	D
C	B	E	U	D	O	P	T	H
T	C	H	B	E	D	U	P	O
E	P	B	O	U	C	H	D	T
O	U	D	H	P	T	B	E	C
B	O	T	C	H	E	D	U	P
D	H	P	T	B	U	O	C	E
U	E	C	D	O	P	T	H	B

## Even Exchange

answers

- Marlin, Merlin
- Plant, Plank
- Ashen, Aspen
- Greet, Green
- Candle, Handle
- Masks, Masts
- Dancer, Dander
- Merry, Marry
- Boris, Doris
- Pester, Poster

MATERIALS RECYCLED

Weekly SUDOKU

Answer

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

## CryptoQuote

answer

At twenty years of age the will reigns; at thirty, the wit; and at forty, the judgment.

- Gracian

## King Crossword

Answers

Solution time: 21 mins.

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

## Bible Trivia Answers

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

Adoniram: 6) Profit

(2) Two: (3) 30; (4) Six: (5)

ANSWERS (1) Neither;