

**Eric Baker**  
Estill County Extension Agent for Agriculture & Natural Resources

Have you seen some odd dark rings and mushrooms in your lawn? Fairy rings, circles or arcs of dark green grass, are evident in some lawns, especially if under-

# Fairy Rings in Lawns

fertilized. Sometimes the arcs and rings may have dead or drought-stressed grass, as well.

According to UK Plant Pathologist Paul Vincelli, fairy rings are caused by certain mushroom-producing fungi. These fungi inhabit the soil and feed on decaying organic matter in the soil and, in that sense, they serve an important ecological role. The fungi are living on decaying organic matter such as stumps, logs, or scrap lumber from building construction buried in the soil. The fungus grows out radially. Nitrogen from the mycelium of the fungus is re-

leased, stimulating growth and causing a dark green ring. During dry periods this stimulated succulent growth may die from lack of moisture. Usually, acceptable management of the symptoms associated with fairy rings in lawns and landscapes is possible without fungicides. During dry periods keep the fairy ring well-watered to prevent loss of turf from moisture stress. (See fairy ring photo below by Eric Baker)

A fertility program can help to mask the symptoms of fairy ring. Soil testing is the best way to determine exactly what the soil needs so contact the Extension

office for details. A normal, moderate fertility program for a cool-season grass would be to apply 1 to 1.5 pounds of actual nitrogen per 1000 square feet in October and again in December. If rings or arcs of dead grass are apparent, application of a soil surfactant followed by regular irrigation often helps to alleviate symptoms. Also, reducing thatch accumulation can help somewhat.

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**A 'fairy ring'**  
Courtesy of Eric Baker

**Estill Extension Service**  
**AGRICULTURE NEWS**  
76 Golden Court  
Call 606-723-4557

### Attention Beekeepers

If you are interested in forming a beekeeper association for Estill County, please attend a beekeepers organizational meeting on Tuesday, August 29th, 7:00 p.m. at the Estill County Extension office, 76 Golden Court (off Stacy Lane). We encourage all beekeepers and those interested in beekeeping to attend. For more information, call 723-4557.

## Americanisms



"This nation will remain the land of the free only so long as it is the home of the brave."  
—Elmer Davis

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## The Garden Bug



The **yerba mansa** plant is an herb. Its roots are used to treat the common cold, mucus production, cough, throat problems and tuberculosis; it is also used for digestive problems, sexually transmitted diseases, skin problems and cancer. It can also be used as a disinfectant, and to cause sweating or induce vomiting. The plants are found in damp salty or alkaline soil.

—Brenda Weaver

Source: www.webmd.com, plants.usda.gov

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## Birding BITS BY Cindy Brook

**Ground Food Mix**  
I've started mixing safflower seed and unsalted peanuts with white proso millet to toss on the ground. Sure, squirrels do get some peanuts, but so do brown thrashers, blue jays, tufted titmice and cardinals. Ground feeding is a wonderful way to bring birds into your backyard. Happy birding!

E-mail: birdingbits@cfl.rr.com  
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## Wishing Well®

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

BWDJ H VCQGC DN CF AD DT HTT  
QACDG FUDGDQCHJX, ZFOTN KFO  
VQK H BQV WQUHJX Q XTOC  
GDQZCHFJ?

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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.

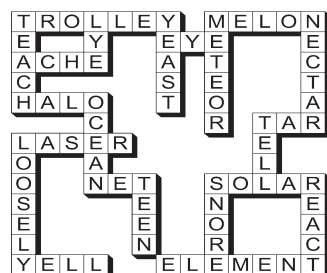
PLVWTCG WP RLQ LRT  
ALDWPYTX YLFXT, ZLFITX LZ  
CQL IWJYCG CFWOTP, CYT  
OLFTP MRX CYT OLFTX.  
— DLFX OGFLR

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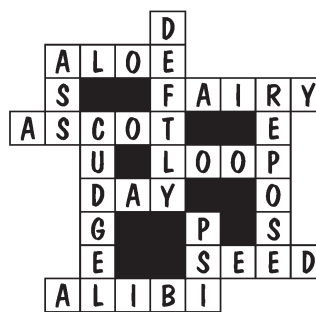
New! CryptoQuote puzzles \$3.50 • 6 Volumes • Order at: rbmamall.com

## Puzzle Answers August 16, 2017

### Puzzles4Kids Answer



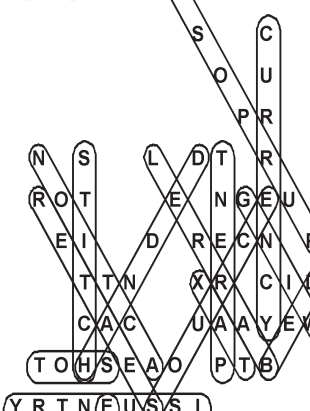
### FEAR & KNIGHT answer



### Letter Box Solution

R	Y	T	L	P	S	U	E	M
M	U	S	T	R	E	P	L	Y
L	P	E	M	U	Y	T	R	S
U	R	L	S	M	T	E	Y	P
Y	T	M	E	L	P	S	U	R
S	E	P	R	Y	U	L	M	T
P	L	Y	U	T	M	R	S	E
T	S	R	Y	E	L	M	P	U
E	M	U	P	S	R	Y	T	L

SINGLE —



### CryptoQuip answer

When I started to feel ill after overeating, could you say I was having a glut reaction?

### CryptoQuote answer

Society is now one polished horde, formed of two mighty tribes, the bored and the bored.  
— Lord Byron

### Even Exchange answers

1. Tackle, Tickle
2. Revise, Revive
3. Scone, Scene
4. Change, Charge
5. Torch, Touch
6. Harsh, Marsh
7. Invest, Invert
8. Place, Peace
9. Larder, Ladder
10. Grown, Groan

### Weekly SUDOKU

Answer

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

### King Crossword

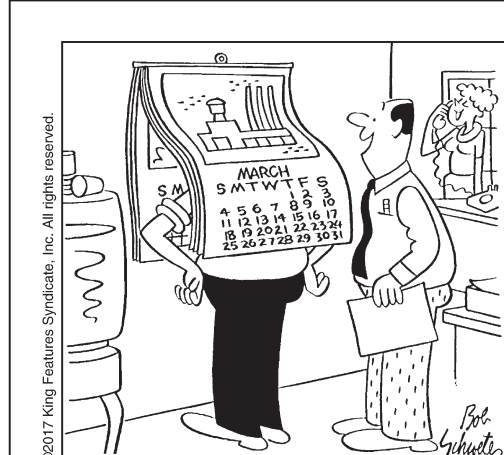
Solution time: 21 mins.

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

### Bible Trivia Answers

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

ANSWERS (1) Old: (2) Sixth: (3) 1; (4) Wrath; (5) Paul; (6) Jesse



"Guess you're pretty focused on your upcoming \_\_\_\_\_!"

### SCRAMBLERS

Unscramble the letters within each rectangle to form four ordinary words. Then rearrange the boxed letters to form the mystery word, which will complete the gag!

Harsh  
RESEVE

Bend  
CEASER

Sniff  
HEALIN

Sturdy  
TURBOS

TODAY'S WORD

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## Stickeler's Puzzle



by Terry Stickels

Are you a good speller? Hand this puzzle to a friend or family member so he or she can read the words to you.

1. enni
2. bourgeoisie
3. dumbbell
4. sepulchre
5. lascivious
6. obsequious

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Stickeler's Answer on Page 11