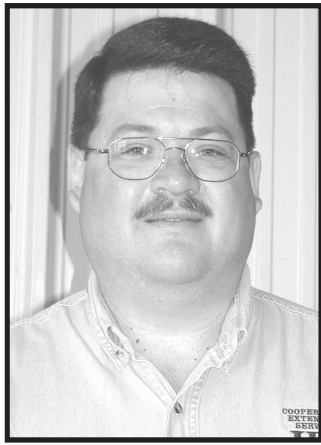


# Opportunities for landowners to maximize woodlands



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

Maximizing every bit of profit from a farm is one of the keys to success. One thing that may not be at the top of Kentucky landowners' minds is their farm's woodlands. You should be thinking about and managing your woodlands just like crops, fields, gardens or other agricultural endeavors. You can benefit by understanding the forest industry and learning basic forestry concepts, such as how to control light and density and how to manage pests to steward a healthier, more sustainable forest.

Timber owners may also realize important tax benefits and take advantage of available secondary markets for non-timber products such as hunting leases, ginseng, shiitake mushrooms and fence posts.

Most of Kentucky's forests consist of hardwoods, with oaks, yellow poplar, hickories, ash, cherry and walnut

contributing to the economic value of the forest industry. Red maple is the most common individual tree species, accounting for a little more than 12 percent of all Kentucky trees.

Woodlands also are valuable for providing habitat to a wealth of wildlife. These woodlands also serve as a backdrop for much of the recreational and tourist activities in the state. Another important contribution of woodlands, but harder to put a dollar figure on, are the ecosystem services, such as water and air filtration, carbon sequestration and flood control, they provide.

Kentucky consistently ranks in the top three hardwood producing states in the country and ranks first in the South for sawlog and veneer production. More than 12 million acres, almost half of Kentucky's land base, are forested. According to the U.S. Forest Service, the total economic impact of Kentucky's forests and related industries contributes more than \$12 billion each year to the state's economy, and it employs more than 51,000 people.

More than 11 million of Kentucky's forested acres are classified as timberland, meaning they are capable of growing commercial timber at a rate of 115 board feet of wood volume per acre per year. (A board foot is 12 inches by 12 inches by 1 inch). Logging in Kentucky is

renewable, as tree growth in the state exceeds annual timber removal. The industry also ensures that commercial operations have a Master Logger graduate on-site and follow best management practices for protecting water quality at harvest sites.

Sawmills and other industries produce much less waste than in the past. Advances in machinery and utilization of sawdust and bark residue have fueled a significant reduction in waste. Now, mulch, fuel, composite wood products, charcoal and animal bedding are products of leftover wood, reducing the industry's impact on the environment.

Anyone, who is interested in learning more about how to realize a potential economic value from forested land, has many resources. The University of Kentucky Cooperative Extension Service offers technical training classes and programs, professional forestry workshops, technical publications, logger training and more.

The annual Woodland Owners Short Course, a yearly learning conference with three locations across the state, is coming up in July and August. Estill County woodland owners may like to attend the East Woodland Owners Short Course that will take place on August 18 at the Morgan County Extension office. The event includes a farm tour of Rick Mohler's farm (transporta-

tion provided). Topics on the agenda are as follows: Tree Identification, Identifying Invasive Species in Your Woodland, Estate Planning, Controlling Invasive Species in Your Woodland, Mushrooms and Maple Syrup from Your Woodland, Financial Assistance for Management Practices, Tree Measurements, Grading, Valuation, and Felling Guidelines, Timber Sales and Trespass Issues, Woodland Management Practices, & Wildlife Management Practices. Visit the website <http://forestry.ca.uky.edu/wosc> for more information or call the Estill County Extension office at 606-723-4557.

## ESTILL COUNTY FARMERS MARKET

If you want to buy locally grown vegetables and other locally produced items, the Estill County Farmer's Market is open Friday's 3:30 p.m. to 6:30 p.m. at the Estill County fairgrounds on South Irvine Road. On the second Tuesdays of each month, the market is open 11:00 a.m. to 2:00 p.m. at the Estill County Extension Service off Stacy Lane.

Educational programs of the Cooperative Extension Service serve all people regardless of economic or social status and will not discriminate on the basis of race, color, ethnic origin, national origin, creed, religion, political belief, sex, sexual orientation, gender identity, gender expressions, pregnancy, marital status, genetic information, age, veteran status, or physical or mental disability.

## Wishing Well®

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

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.

©2018 King Features Syndicate, Inc. All rights reserved.

## 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: O equals T

EU JI EIDFSO VJT J KXCFYURH  
EBKRHDF OX YXJB JWXRO  
SHXDEIP OVEIPD, CXRHT EO WF  
J DVROOFY WRP?

©2018 King Features Synd., Inc.

CryptoQuip puzzles \$3.50 • 24 Volumes • Order at: [rbmamall.com](http://rbmamall.com)

## 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.

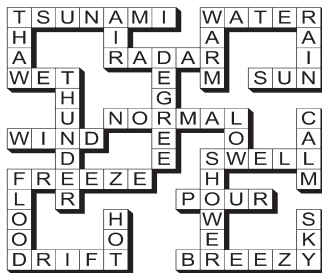
NYW DWXCWVN NYLDP NT  
LUUTCNXOLNR LD NYLV ITCOB  
LV X PTMWCDUWDN AQCWXQ.  
— YQPY V. GTYDVTD

©2018 King Features Synd., Inc.

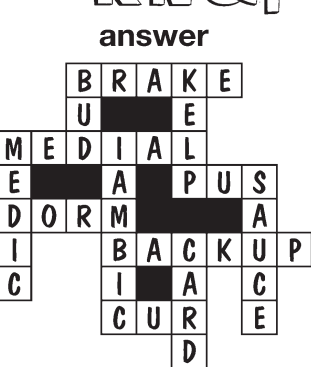
New! CryptoQuote puzzles \$3.50 • 6 Volumes • Order at: [rbmamall.com](http://rbmamall.com)

# Puzzle Answers July 18, 2018

## Puzzles4Kids Answer



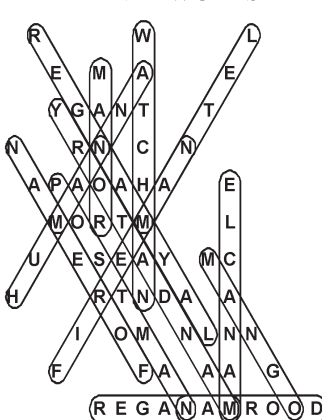
## FEAR & KNIGHT answer



## Letter Box Solution

A	U	E	B	O	X	S	I	N
O	S	N	I	A	E	B	X	U
X	B	I	S	N	U	A	E	O
B	E	A	N	X	I	O	U	S
U	X	O	A	S	B	I	N	E
N	I	S	E	U	O	X	A	B
S	A	U	X	B	N	E	O	I
E	N	B	O	I	A	U	S	X
I	O	X	U	E	S	N	B	A

## MANLY WORDS



## CryptoQuip answer

If an insect had a powerful impulse to roam about closing things, would it be a shutter bug?

## CryptoQuote answer

The nearest thing to immortality in this world is a government bureau. — Hugh S. Johnson

## Even Exchange answers

- Hunger, Hunter
- Carol, Carob
- Marble, Warble
- Flake, Flame
- Lever, Level
- Polite, Police
- Battle, Bottle
- Crate, Crane
- Adorn, Acorn
- Meddle, Middle

## Weekly SUDOKU

Answer

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

## King Crossword Answers

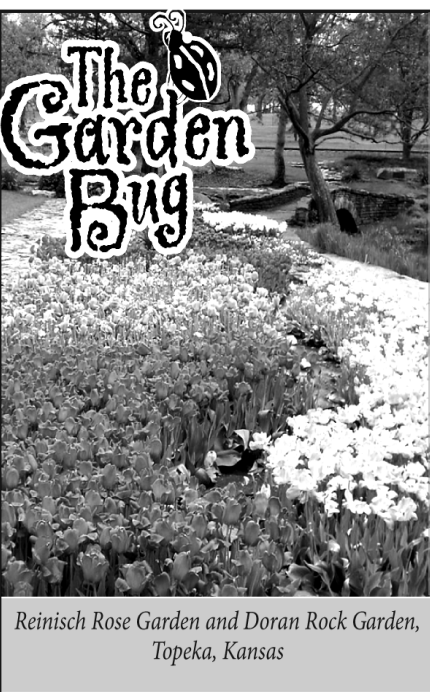
Solution time: 25 mins.

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

## Bible Trivia Answers

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

ANSWERS (1) Old: (2) Roman; (3) Dorcas; (4) Eunuchs; (5) Judas; (6) Matthias



## Gardens and arboretums

A botanical garden is a live exhibit of collected plants, sometimes designed with a special theme. Arboretums are similar but specifically devoted to trees. Wikipedia provides a list of all such places found in each state, district or territory of the United States, and many of those listed are linked to their websites. — Brenda Weaver

Source: wikipedia.org



## Fruit Lovers

If you want to attract non-seed-eating birds into your yard, fruits such as grapes, raisins, cherries, apples and orange halves will attract mockingbirds, gray catbirds, orioles, towhees, cedar waxwings, blue birds, tanagers and many more. Use a tray feeder or place on the ground near brush cover.

E-mail: [birdingbits@cfl.rr.com](mailto:birdingbits@cfl.rr.com)

©2015 King Features Syndicate, Inc.

## Stickeler's Puzzle

**STICKELERS** [sic.]  
by Terry Stickels

How many different sides or faces does this figure have?

©2018 King Features Syndicate

## Stickeler's Answer on Page 11

## Americanisms



“A diplomat is a man who always remembers a woman's birthday but never remembers her age.”  
—Robert Frost

©2018 King Features Syndicate, Inc.

**Century 21**  
Advantage Realty,  
a Robinson Company

MLS REALTOR

**WILLIS ESTES**  
Associate Broker  
Cell: 859-582-3731  
[westes@century21advantage.com](mailto:westes@century21advantage.com)  
Serving Estill County over 18 Years

The highest compliment my clients can give me is the referral of their friends, family and business partners.

Thank you!