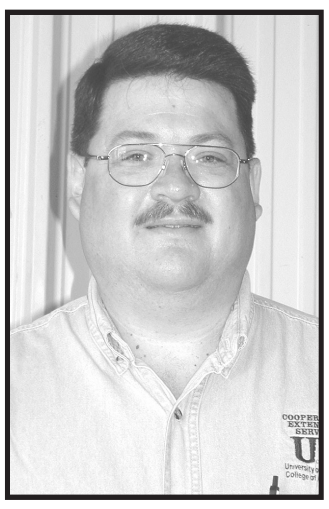
Fall is for Tree Planting



Eric Baker
Estill County Extension Agent for Agriculture & Natural Resources

Arbor Day, the celebration of the value of trees in our lives is celebrated in spring. Many municipalities plant trees in public areas as part of their Arbor Day celebration. We also distribute seedlings in schools and to other citizens. According to UK Horticulture specialist and arborist William Fountain, trees can be planted throughout the Commonwealth at almost any time of the year if proper care is given. However, the VERY BEST time to plant new trees and shrubs in Kentucky is the fall.

Late October until about the first of the year is the best time to plant for several reasons. The drought-breaking rains of fall have added moisture back to soils made hard and droughty by summer heat. The act of digging trees and shrubs for transplanting necessitates cutting roots. New roots must be regenerated if they are to become reestablished in the new location. With cooler temperatures and no foliage, the water demands for plants with limited or damaged root systems is significantly less.

We think of woody plants as growing in spring and early summer and then going dormant in fall and winter. This is true, at least for the above-ground parts we see. Roots grow most vigorously when the soil is above freezing and below 50 to 60°F. For us, this is most of the fall and winter. By planting in the fall we take advantage of roots being able to regenerate. This allows the plant to efficiently absorb sufficient water in the abundance of new roots when growth begins in spring. These newly transplanted plants can then maintain their water requirements throughout the hot, dry summer.

Fall really is for planting but we need to make sure that the plant will thrive in its new home. Watching plants die that are not adapted to a site is frustrating and a waste of money. Take a look at the publication "Landscape Site Assessment" *(http://www2.ca.uky.edu/agcomm/pubs/ID/ID244/ID244.pdf)* to help determine the cultural characteristics of your landscape. One of the most important and most neglected assessments is determining if the soil will drain properly. Doing a percolation test, perk test for short, is simple and easy and can even be a part of the planting process. Consult publication "Soil Percolation: A Key to Survival of Landscape Plants" *(http://www2.ca.uky.edu/agcomm/pubs/ID/ID237/ID237.pdf)* for more information. Plants that are not adapted to a site are less winter hardy and more prone to disease and insect problems. Approximately 80-90% of the samples that come into the UK Plant Disease Diagnostic Labs can be traced back to improper site adaptability and/or improper installation. If you discover that your site is poorly drained, you can then go to the list of flood tolerant species.

One of the secrets of a healthy landscape is species diversity. Neighborhoods planted mainly with ash trees or Bradford pears have experienced the disappointment of having to start over again. For help in selecting underutilized trees, look at publication "After Your Ash Has Died, Making an Informed Decision on What to Replant" (http://www2.ca.uky.edu/agcomm/pubs/ID/ID241/ID241.pdf). Diversity adds interest throughout the four seasons. It also results in healthier, more attractive landscapes that require fewer pesticides.

Installing a new tree or shrub in its new home can be exciting…. in a good way. It can also be exciting in a bad way. To keep "shocking" surprises from happening, always remember to call 811 a week before you dig. **It's the law!** This free service will prevent you from accidently hitting buried utilities and perhaps being injured or being billed for the damage you caused.

Guidelines for planting can be found in the publications "Planting Balled and Burlapped Trees and Shrubs in Your Landscape" *(http://www2.ca.uky.edu/agcomm/pubs/ho/ho91/ho91.pdf)*, "Planting Container Grown Trees and Shrubs in Your Landscape" *(http://www2.ca.uky.edu/agcomm/pubs/HO/HO114/HO114.pdf)*, and "Planting Bareroot Trees and Shrubs in Your Landscape" (http://www2.ca.uky.edu/agcomm/pubs/HO/HO113/HO113.pdf). Which is best? All can be great. It depends on the plant, the size, and the site.

After your new trees and shrubs have been properly installed you should mulch it. Mulching is either one of the best things we do for a plant or one of the worst things we do to a plant. The publication *"Mulch Myths" (http://www2.ca.uky.edu/agcomm/pubs/ho/ho106/ho106.pdf)* will tell you how to mulch and what products to use. With the exception of bare root trees, most plants do not need to be staked. Staking can damage trunks and can prevent the tree from reestablishing as rapidly. Proper watering for the first year or two is much more important than adding fertilizer.

Selecting the appropriate trees and shrubs and installing them properly can improve the value of your residence, make a park a nicer place to visit, and make our communities a healthier place to live. It is the green infrastructure (trees and shrubs), more than any other single factor that makes Kentucky's suburban and urban areas sustainable and livable places.

For copies of the publications listed above or for more information, contact the Estill County Extension office at 723-4557.

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Wishing Well®

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

ZFDEQPW QPRQLO QPISHUFVQSP

FYSKV F YFHP LFPDO, SPO

UQWNV FRE FHSKPL ISH VNO

NSOLSMP ZSMLSMP.

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CryptoQuip puzzles $3.50 • 24 Volumes • Order at: 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.

WMS KUSXWSLW DGLWXYS

JBP HXZ DXYS GZ WMGL VGTS

GL WB OS HBZWGZPXVVJ

TSXUGZK JBP NGVV DXYS BZS.

— SVOSUW MPOOXUQ

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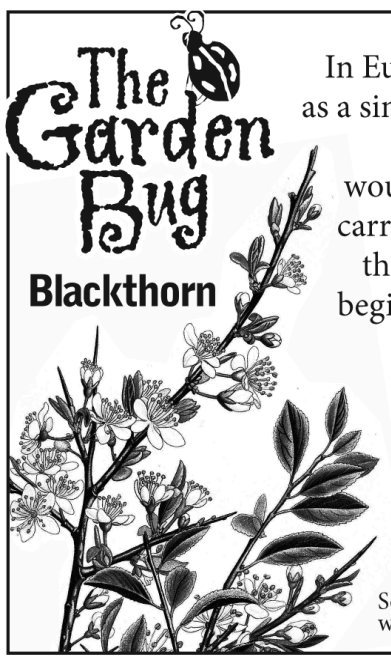
New! CryptoQuote puzzles $3.50 • 6 Volumes • Order at: rbmamall.com

The Garden Bug

Blackthorn



In European folklore, the blackthorn is seen as a sinister tree, associated with the dark arts and ill omens. It is linked with warfare, wounding and death. Witches were said to carry walking sticks made of it, with which they caused mischief. In Scotland, winter begins when the Goddess of Winter strikes the ground with her blackthorn staff. Blackthorn timber is hard and strong, with tough bark. The wood was cured by burying it in a dung heap or smearing it with butter, then placing it in the chimney.

- Brenda Weaver

Sources:
www.historic-uk.com, www.druidry.org

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Birding BITS
BY Cindy Brook

Winter is Coming!

Are you ready? Some high-fat foods to have on hand are:

- Peanuts, peanuts, peanuts. Unsalted in or out of the shell.
- Suet cakes or nuggets (any flavor), seed blocks, Bark Butter
- Black oil sunflower seed, sunflower heart chips, safflower seed.

Don't forget roosting boxes and heated birdbaths too.

E-mail: birdingbits@cfl.rr.com

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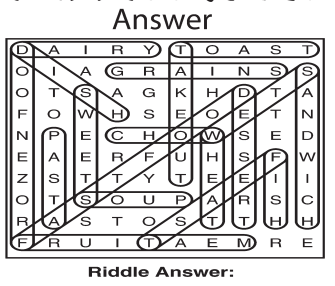
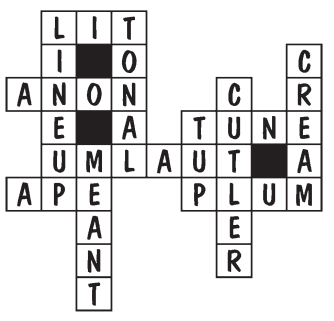
Puzzle Answers
October 25, 2017

Puzzles4Kids
Answer



Riddle Answer:
At a ghost-ery store.

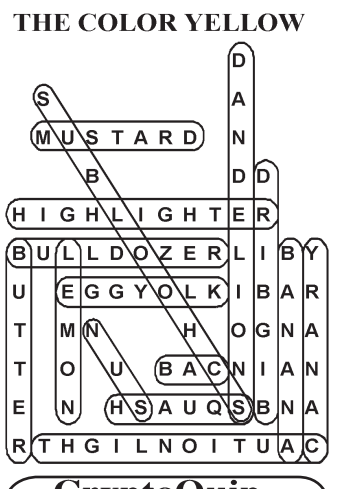
FEAR NOT
answer



Letter Box
Solution

W	I	N	B	Y	A	L	O	T
L	O	T	N	I	W	Y	A	B
A	B	Y	O	L	T	N	I	W
Y	N	W	T	O	I	A	B	L
O	T	I	L	A	B	W	N	Y
B	L	A	Y	W	N	O	T	I
I	Y	L	A	B	O	T	W	N
N	A	B	W	T	Y	I	L	O
T	W	O	I	N	L	B	Y	A

THE COLOR YELLOW



Even Exchange
answers

1. Barge, Badge
2. Coffee, Toffee
3. Globe, Glove
4. Halter, Hatter
5. Davis, David
6. Warden, Warren
7. Brando, Brandy
8. Elate, Elite
9. Curve, Curse
10. Parent, Patent

Weekly SUDOKU
Answer

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

CryptoQuip
answer

Lacking inside information about a barn dance, one might ask around for the hoedown lowdown.

King Crossword
Answers

Solution time: 24 mins.

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

CryptoQuote
answer

The greatest mistake you can make in this life is to be continually fearing you will make one.
— Elbert Hubbard

Bible Trivia Answers

ANSWERS 1. Neither; 2) Isaiah 37; 3) Leah; 4) Rachel; 5) Gamaliel; 6) Cain

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

Americanisms

"Anyone who goes to a psychiatrist ought to have their head examined."
—Sam Goldwyn

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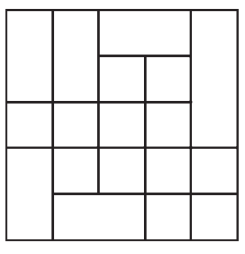
Stickeler's Puzzle

STICKELERS [sic].
by Terry Stickels

How many squares of any size can be found in the diagram below?



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Stickeler's Answer on Page 11

COUNTY AGRICULTURAL INVESTMENT PROGRAM (CAIP)

Applications will be available for Estill County's CAIP to assist farmers in making important on-farm investments.

Application Period:
October 16 – November 3

Application will only be accepted during this time.

Please obtain your Farm Serial Number (FSN) from the Farm Service Agency at the Richmond USDA Service Center prior to applying.

Application Availability:
Estill County Conservation District
1505 Richmond Road
Monday – Friday 9:00am – 5:00pm

For More Information:
Contact 606-723-5104 or Find us on Facebook at www.facebook.com/ECCDKY.

All applications are scored, based on the scoring criteria set by the Kentucky Agriculture Development Board.