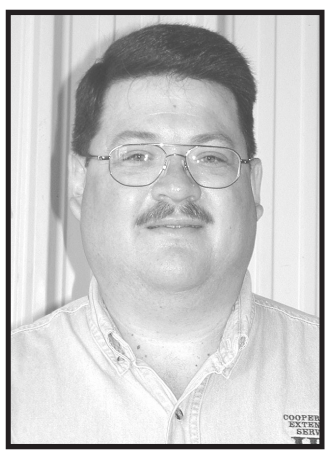
West Nile Virus Update



Eric Baker
Estill County Extension Agent for Agriculture & Natural Resources

According to the Centers for Disease Control (CDC) as of August 7 2018, human cases of West Nile virus have been diagnosed in the neighboring states of Illinois, Indiana, Ohio, Tennessee, and Virginia,. In addition, non-human cases (birds or mosquitoes) were identified in Missouri and West Virginia. On August 31, 2018, the Department of Public Health and Wellness reported that West Nile (WNV)-infected mosquitoes were collected in traps in 3 areas of Louisville, KY. No human cases of WNV have been reported in the state as of August 5, 2018.

WNV is established in populations of several bird species in the U.S. (especially crows) and circulates from infected to uninfected birds through the bite of certain mosquito species. Studies indicate that raccoons also may serve as sources of the virus. Mosquitoes that feed on infected birds and mammals act as bridge vectors, transferring the virus to susceptible birds to mammals. Humans and equines are affected by the virus to varying degrees.

According to the CDC, most people infected with WNV do not have symptoms. Only about 1 in 5 people who are infected develop a fever and other symptoms: headache, body aches, skin rash, and swollen lymph nodes. About 1 out of 150 infected people develop a serious, sometimes fatal, illness. There are no protective vaccines available for humans.

You can take the following measures to minimize chances of getting mosquito bites:

- Use Environmental Protection Agency-registered insect repellents such as DEET, Picaridin, IR 3535, Lemon eucalyptus oil, or 2-undecanone. When used as directed, these repellents are proven safe and effective for pregnant and breast-feeding women.
- Drain any standing water as it creates potential mosquito breeding sites. This includes bird baths, bottles and any other items with water-holding capacity like old tires or trash.
- Fill in holes, depressions and puddles in yards.
- Keep gutters in proper working order.
- Make sure door and window screens are in good repair.
- Stay indoors between 4 p.m. and 8 p.m. when mosquitoes are most active.
- Wear long-sleeve shirts and pants when outdoors.

For more information on mosquito control, call the Extension office at 723-4557 or online at https://entomology.ca.uky.edu/ef005 .

Defoliating Caterpillars

We are seeing some 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. For other details, call us at 723-4557.

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Wishing Well®

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

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 **D**

BDKZ PAV CVXXKZTP MKY W MEKWY QXKW WRAVY W NTAVXRVECY, BAVTX PAV NWTT YDWY W EWQZCYAEJ REWQZCYAEJ?

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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.

CFG UKXXGQGMWG DGCRGGM NYV EMOGNGV EMU SYOAQC KV CFEC SYOAQC FEV EM EWCKPG, NKPKMO WANCAQG. — VYAQWG AMHMYRM

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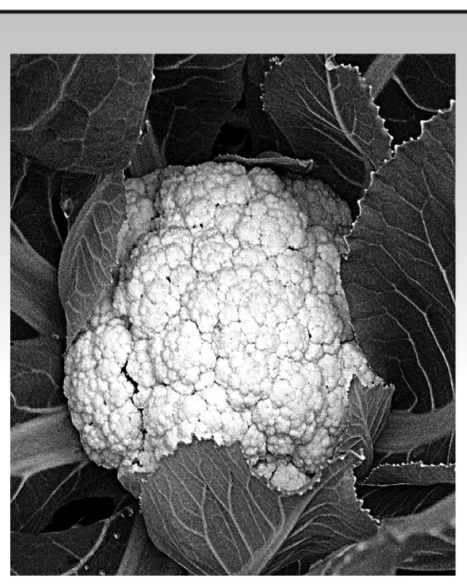
The Garden Bug



Planting for fall

Late summer is the time to plant starters or seeds of green onions, carrots, beets, lettuce, spinach, radishes, turnips, rutabagas and winter cauliflower (*shown*). Source: www.extension.umn.edu

Birding BITS by Cindy Brook

Window Strikes

Prevent birds from flying into windows by placing strips of tape, vertically, at least 1-inch wide and 10 inches apart on the outside of your window. I like the blue tape from the local hardware store. Tape breaks up the reflection and birds are less likely to hit the glass.

E-mail: birdingbits@cfl.rr.com

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Americanisms

"If you want to know what God thinks of money, just look at the people he gave it to."
—*Dorothy Parker*

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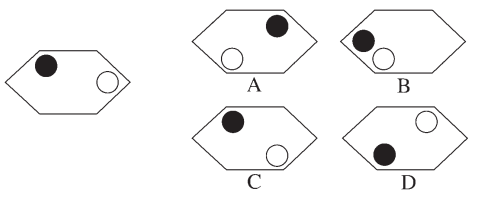
Stickeler's Puzzle

STICKELERS [sic]. by Terry Stickels

If the black ball in the figure below moves clockwise one vertex on each move, and the white ball moves two vertices counterclockwise on each move, where will each be after five moves?



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Stickeler's Answer on Page 11

Puzzle Answers

August 22, 2018

Puzzles4Kids

Answer

What do you get if you cross a skunk and a boomerang?

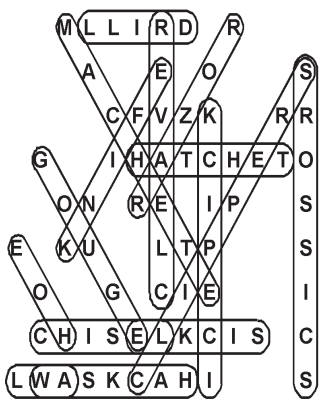
A smell that keeps coming back.

Letter Box

Solution

V	B	O	W	N	I	E	Y	F
F	N	I	E	O	Y	W	B	V
E	Y	W	F	B	V	N	I	O
B	E	V	I	W	N	F	O	Y
Y	I	F	V	E	O	B	W	N
W	O	N	B	Y	F	I	V	E
O	F	Y	N	I	W	V	E	B
I	V	B	Y	F	E	O	N	W
N	W	E	O	V	B	Y	F	I

SHARP TOOLS



FEAR KNOT answer

Even Exchange

answers

1. Eerie, Aerie
2. Giggle, Gaggle
3. Switch, Snitch
4. Child, Chill
5. Hoover, Hoofer
6. Broad, Bread
7. Dally, Dolly
8. Tiller, Taller
9. Glade, Glare
10. Allow, Allot

Weekly SUDOKU

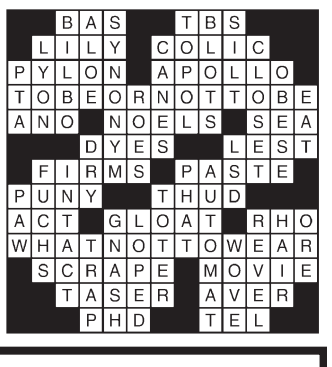
Answer

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

King Crossword

Answers

Solution time: 25 mins.



CryptoQuip

answer

When you suddenly get a great idea about a cloudburst, would you call that a rainstorm brainstorm?

CryptoQuote

answer

The difference between Los Angeles and yogurt is that yogurt has an active, living culture.
— Source Unknown

Bible Trivia Answers

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

ANSWERS 1) Old; 2) Solomon; 3) Gideon; 4) Moses; 5) Hagar; 6) Uz

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Thank you!