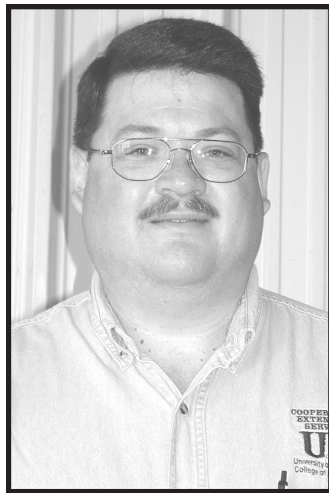


Soil testing can help keep unnecessary nutrients out of Kentucky streams



Eric Baker
Estill County Extension Agent for Agriculture & Natural Resources

How much fertilizer do you really need to use on your lawn and garden? If you're just making a guess, you could be using too much. But how can you know for sure? A simple and inexpensive soil test can tell you all you need to know to make your lawn and garden

look great and to protect the environment from runoff of excess nutrients.

Soil fertility testing is a program designed to provide homeowners, landscape contractors, turfgrass managers, greenhouse managers as well as others with a soil management tool to determine fertilizer requirements of their lawn, garden, trees and shrubs. The University of Kentucky Agricultural Experiment Station and Cooperative Extension Service offers soil testing services to every Kentucky citizen. Soil testing is the most important thing you can do before applying fertilizer. Fall and spring are the best times to take samples and you should sample your lawn, landscape beds and vegetable gardens every 1 to 2 years, since your soil's needs may change over time.

You can use the test results to determine the amount and

kind of nutrients you add to your lawn and garden for best growth. A routine soil test from the University of Kentucky lab will provide you with information about the soil pH, plant available phosphorus, potassium, calcium, magnesium, zinc and cation exchange capacity of your soil. The results will include a recommendation about what amendments, if any, you may need to improve plant vigor and yield. Other special tests are available, however this routine test will address most home lawn, landscape and gardening needs.

I can help answer your questions about taking the sample and turning it in. Generally, to obtain a useful sample, you'll want to map out the area where you plan to grow plants or where plants already exist. It's a good way to keep a record of your land use and results over time. Divide the area so that each soil sample represents one plant type or condition. Collect at least 10 samples for each area, mix them together and then take one composite sample that represents that area for soil testing. For example, if you have a landscape bed that contains shrubs in one area and roses in another, collect two composite samples: one composite sample from several sites under the shrubs and another compos-

ite sample from several sites under the roses.

For lawns, sample to a depth of about four inches. For gardens, ornamentals, mixed fruit trees and wildlife plots, sample to a depth of about six inches. Ideally, you should sample well in advance of any planting or spring green up to allow time for analysis, interpretation, and then fertilizer and lime applications.

Use clean tools and never use a tool that you've previously used for fertilizer or lime. Shovels, trowels, spades, hand probes and augers are all good sampling tools. The Extension office will loan soil probes as well. Clear the ground surface of any mulch or thatch. Take samples from several areas and mix together in a plastic bucket to avoid metal contamination. If the soil is wet or damp, let it dry overnight. Collect about a pint and place it in the UK soil sample bag, available from any Extension office. Identify your sample on the bag and on the submission form. The Estill County Extension office will submit your samples to the lab for analysis. For more information, contact our office at 723-4557.

Educational programs of the Cooperative Extension Service serve all people regardless of race, color, age, sex, religion, disability or national origin.

Wishing Well®

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

UGWFVO WGBY YEGW, DFOYQ C
JGVKY EP OCB BQCQFEV
CQQMVUCVQB JM FV TGDTMW-QE
-TGDTMW QWCPPFK?

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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.

AXFDWAO TNMCH N TNA XK
LXEZ XI TCA HX TNE NH FDC
FKQFD. WI FDCKC WH AX
FKQFD WA WF FDCZ UNQOD
WF XII. — PWUU KXOCKH

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Puzzle Answers

April 6, 2016

Puzzles4Kids

Answer

When do monkeys fall from the sky?

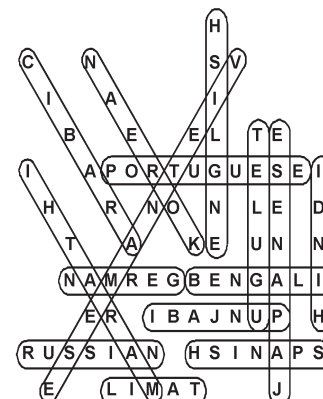
During Ape - ril showers.

Letter Box

Solution

I	L	P	T	S	E	K	C	O
S	T	O	C	K	P	I	L	E
K	C	E	L	I	O	P	S	T
P	K	S	E	C	I	O	T	L
E	I	T	P	O	L	C	K	S
C	O	L	K	T	S	E	I	P
O	S	K	I	P	T	L	E	C
L	P	C	S	E	K	T	O	I
T	E	I	O	L	C	S	P	K

LANGUAGES OF THE WORLD



CryptoQuip

answer

During rush hour, might a bunch of gas station attendants be in pumper-to-pumper traffic?

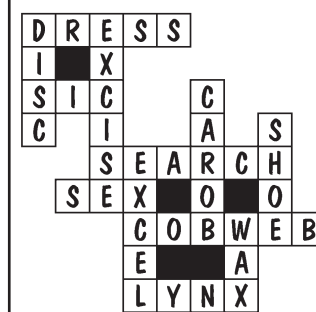
CryptoQuote

answer

Nothing makes a man or body of men so mad as the truth. If there is no truth in it they laugh it off. — Will Rogers

FEAR & KNIT

answer



Even Exchange

answers

- Oldest, Oddest
- Paris, Parts
- Austin, Dustin
- Camper, Casper
- Phony, Peony
- Place, Peace
- Blanch, Branch
- Blank, Blink
- Pride, Prime
- Shore, Short

Weekly SUDOKU

Answer

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

King Crossword

Answers

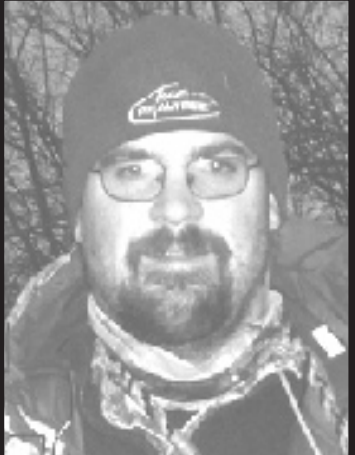
Solution time: 21 mins.

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

Bible Trivia Answers
Casey's trivia book "Know It? ... or Not?" is available from BearManorMedia.com
ANSWERS (1) Old; (2) An- gel; (3) Jehonadab; (4) John- son; (5) Adonibezek

Wanderings from the Woods & Water

by Jay Bicknell
CorridorHR@Gmail.Com



No Turkeys, Just Frustrated!

We had big plans for youth turkey season. The boys and I were going to sit all day until we got one. We were in it to win it. Some things come up that derailed our plans!

Last Monday night before bed Jake said his stomach was hurting. Tuesday morning, he was hurting so badly he couldn't get out of bed. He was in some serious pain. I was almost to Louisville when my wife called with the news of Jake taken to the hospital. This is where the frustration sets in!!

Due to the unaffordable healthcare act for those that work makes my health insurance cost extremely high, squared! So while in route to Louisville on busy interstate I had to make multiple phone calls to see what was covered, what doctors Jake could see, what hospitals was covered, and so on. So frustrated at this point I even called the Governor and left a message something has to be done to put a stop to this ridiculous health care law! I pay a high premium, then some people who don't pay a dime can go wherever, whenever, how many times ever they please!

So finally we found out that Jake had appendicitis. He was rushed to UK Children's Hospital for emergency surgery. My wife and I sat at UK worried about our son. We might have to worry about how we are going to afford the surgery!

Praise the Lord!! Jake did really good during surgery and the Pediatric surgeon did tell Jake he could go hunting on Saturday, just be careful. Jake worked on getting better.

I think he might have put on a brave face just to get to go hunting. Mom (the nurse) did advise him not to go, but he was determined!

Saturday morning, the boys and I headed to the woods. We had turkeys gobbling all around us. We were excited and just knew we would have one come in. It wasn't very long at all into hunt when Jake said he was hurting. So we cut out early and went home. We didn't make it out anymore over youth season. We plan to make it out during regular season. Hopefully Jake will be better and ready to try it again. Josh is definitely ready! Josh has been a real trooper and helped his brother through his illness. Our family would like to thank our family and church for all their prayers!!

We didn't get a turkey. We didn't get to hunt very much at all. I did come to the realization that our government rewards lazy! I guess whatever it takes to buy votes. They are bought with entitlements. I don't mind working hard and paying for the stuff I need. However, I detest paying for those that'd rather not work for their stuff. I detest working hard to see the government rob from me to give to those who do nothing! I like the scripture **II Thessalonians 3:10** "For even when we were with you, this we commanded you: that if any would not work, neither should he eat." Those that truly can't work and are in need then the Bible commands me to help those in need.

Until next week, get out and enjoy God's creation!

The Garden Bug Flowers in early spring

In spring, the appearing of flowers on fruit trees is balanced between when its pollinators are available, the amount of time needed to grow that plant's fruit and the conditions needed for seed dispersal. Early appearance of flowers means early pollination, ensuring more time for fruits that are large and fleshy to mature. If a tree's seeds are dispersed by birds, its fruit must be ready to eat well before birds migrate; if mammal-dispersed, the fruit must be edible before mammals hibernate. — Brenda Weaver
Sources: worldagroforestry.org, yahoo.com

Local Angus Breeder Recognized for Sustained Efforts to Improve Cow Productivity

Jason E Crowe, Irvine, Kentucky, recently re-enrolled in the American Angus Association®'s MaternalPlus® program as a commitment to making genetic improvements in lifetime cow herd productivity. Breeders participating in MaternalPlus are keenly focused to better evaluate herd reproductive performance, the number one profit driver in the cow-calf industry.

MaternalPlus is a voluntary, inventory-based reporting system that collects additional reproductive trait data to provide Angus breeders and their customers the information they need to make effective selection decisions. To date, more than 70 breeders have completed MaternalPlus enrollment.

The program allows producers to capture cow herd and reproductive performance data; gain faster access to pre-weaning EPDs as a selection tool; characterize females through heifer pregnancy EPDs tied directly to herd genetics; expand new trait development for Angus reproductive and longevity measures; and streamline their ability to track heifer and cow reproductive records through AAA Login.

In addition, MaternalPlus lays the groundwork for selection tools related to cow longevity in the herd. Gathering these records will allow the Association to cultivate research related to cow herd productivity and make improvements similar to what the Angus breed has witnessed in other economically relevant traits.

For more information on MaternalPlus, visit the Association website or access AAA Login.

The American Angus Association serves nearly 30,000 members across the United States and Canada. It provides programs and services to farmers, ranchers and others who rely on the power of Angus to produce quality genetics for the beef industry and quality beef for consumers. For more information about Angus cattle and the American Angus Association's programs and services, visit www.angus.org.

Stickeler's Puzzle

STICKELERS by Terry Stickels

Below is a jumbled quote from Shakespeare ("Julius Caesar"). See if you can unscramble the words to come up with the correct quote.

"Death times many before; cowards but taste once never the die of their valiant deaths."

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Stickeler's Answer on Page 11

Birding BITS BY Cindy Brook

Warblers
My yard is hopping with little warblers. They are coming to my tray feeder for sunflower heart chips, white proso millet and Bark Butter Bits (www.wbu.com). While warblers usually eat insects, it's nice to see them flitting about on my feeders. They make me smile.
E-mail: birdingbits@cj1.rr.com
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