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Agent for Agriculture  
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# Buttercups in Pastures

Buttercups are sometimes classified as short-lived perennials, but often grow as winter annuals. Plants typically produce five, shiny yellow petals in the early spring. There are four different species of buttercups that may be found in Kentucky: bulbous buttercup (*Ranunculus bulbosus*), creeping buttercup (*Ranunculus repens*), tall buttercup (*Ranunculus acris*) and small flower buttercup (*Ranunculus abortivus*). Although each of these plants may have somewhat similar flower heads, each of these buttercup species differs somewhat in their vegetative leaf characteristics. New seeds are produced during the time petals are showy. If you wait until after flowers appear, it can be too late to implement control tactics. This is one reason buttercups can survive year to year and new plants emerge each year.

Most buttercup plants emerge from seed during the fall or late winter months. Therefore, pasture manage-

ment practices that improve and promote growth of desirable plants during these months are the best methods to help compete against the emergence and growth of this plant. Whereas, livestock overgrazing fields during the fall and winter months is one of the main factors that contribute to buttercup problems. You can mow fields or clip plants close to the ground in the early spring before buttercup plants can produce flowers and that may help reduce the amount of new seed produced, but mowing alone will not totally eliminate seed production.

For chemical control, herbicides registered for use on grass pastures that contain 2,4-D will effectively control buttercup. Depending on other weeds present products that contain dicamba and 2,4-D (eg. Weedmaster), aminopyralid (eg. ForeFront, Milestone), triclopyr (eg. PastureGard, Crossbow) or metsulfuron (eg. Cimaron) can also be used. However, legumes such as clovers interseeded with grass pastures can be severely injured or killed by these herbicide

products. For optimum results apply a herbicide in the early spring (February - March) before flowers are observed, when buttercup plants are still small and actively growing. For best herbicide activity, wait until daytime air temperatures are greater than 50 degrees for two to three consecutive days. Consult the herbicide label for further information on grazing restrictions, precautions or other possible limitations.

For fields heavily infested with buttercup, you may need a variety of control tactics. Apply a herbicide to help reduce the population of buttercup plants in the spring, plus use good pasture management techniques throughout the year to help improve and thicken the stand of desirable forages.

For more information, contact the Estill County Cooperative Extension Service at 723-4557.

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

One of the signs that spring has arrived is when yellow buttercups begin to appear. It's during the winter months that the vegetative growth of buttercup actually takes place. As a cool-season weed, this plant often flourishes in over-grazed pasture with poor stands of desirable forages. In fact, many fields that have dense buttercup populations are fields heavily grazed by animals during the fall through the early spring months.

## Wishing Well®

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

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.

## 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.

ZQS DBJYBMZ NW

DSJWSRZMNL, ZQSL, MY ZQS

DBJYBMZ NW YKSSZLSYY

PLA XMIQZ. - TPZZQSK

PJLNXA

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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: R equals I

R PGGNARPUNIIF AJHRUM

MTHPVBT JNJDH-JHPXVGRUB

ZNGMPHRDA. FPV GPVIX ANF R'K

HVU-PZ-MTD-KRII.

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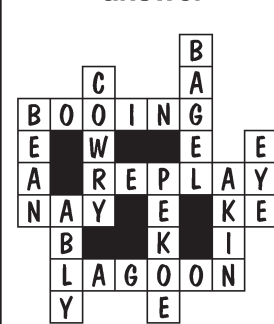
# Puzzle Answers

March 12, 2014

### Puzzles4Kids

WORD FUN  
Study the two words on each line to find the ONE letter in the left column that is NOT in the word in the right column. Write the extra letter on the blank space. Then read DOWN to answer this riddle:  
WHAT WAS THE SPIDER DOING ON THE BASEBALL TEAM?  
COVERS — ROVES — FRAMES — SNEAR  
CHEATS — CHEST — SLOWER — WORSE  
SALTED — DALES — FLING — FLUNG  
SEARCH — HEARS — PRAISE — PAIRS  
SCHOOL — COOLS — STONES — NOTES  
IGNITE — TINGE  
RANTEE — TRADE  
GRIPES — PRIES  
For more puzzle fun, go to [www.brainzies.com](http://www.brainzies.com)

### FEAR & KNIT

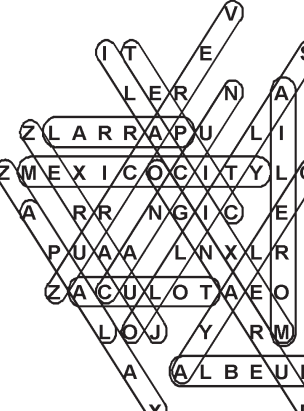


### Letter Box

Solution

T	I	E	R	U	P	M	C	Y
M	Y	P	I	C	T	U	R	E
R	C	U	Y	M	E	T	I	P
Y	T	R	E	I	U	C	P	M
P	U	I	C	T	M	E	Y	R
C	E	M	P	R	Y	I	U	T
E	M	Y	U	P	I	R	T	C
I	P	C	T	E	R	Y	M	U
U	R	T	M	Y	C	P	E	I

### CITIES OF MEXICO



### CryptoQuote

answer  
The pursuit of perfection, then, is the pursuit of sweetness and light. - Matthew Arnold

### CryptoQuip

answer  
I occasionally sprint through paper-producing factories. You could say I'm run-of-the-mill.

### Even Exchange

- answers
1. Check, Chick
  2. Prose, Probe
  3. Silver, Salver
  4. Wager, Water
  5. Babble, Bauble
  6. Craze, Crave
  7. Flash, Flush
  8. Walter, Halter
  9. Spring, Sprint
  10. Brick, Brink

### Weekly SUDOKU

Answer

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

### King Crossword

Solution time: 21 mins.

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

### Bible Trivia Answers

Casey's trivia book "Know It? ... or Not?" is available from BearManorMedia.com

ANSWERS: (1) Neither; (2) Jael; (3) Nazareth; (4) Samaria; (5) Elijah; (6) Samaria; (7) Nazareth; (8) Samaria; (9) Nazareth; (10) Samaria

## COOPERATIVE EXTENSION SERVICE

University of Kentucky - College of Agriculture



**Estill County**  
**4-H Youth Development**  
**Isaac L. Hollon**  
Estill County Extension Office

Thursday & Friday, March 27th & 28th

### Hunter's Education Class (Orange Card)

There will be a Hunter's Education Class (orange card) at the Estill County Extension Office. The 3-day class will be Thursday and Friday, March 27th & 28th from 6-9 p.m., and Saturday, March 29th starting at 9 a.m. at the Estill Co. Sportsmen's Club. You must attend all 3 classes to obtain your orange card. Ages 9 and older (as of March 29). Effective March 1, 2014, KY Dept. of Fish & Wildlife requires online pre-registration for all hunter education courses statewide. Following is the registration link for the Estill Co. class: <http://www.register-ed.com/events/view/42637>

For more information, call the Estill County Extension Office at 606-723-4557.

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# Agriculture Events

Monday, March 17th @ 7:00pm

## Private Pesticide Applicator Training

Tuesday, March 18th @ 7:00pm

## Vegetable Insect Pest Seminar

Through March 21, 2014

## Strawberry Plants & More

The Estill County Cooperative Extension Service will be taking orders for reasonably priced and good quality strawberry, blackberry, blueberry, raspberry, asparagus, and Candy onion plants through March 21st. Orders must be prepaid with delivery expected early April. If you are interested or need more information, call 606-723-4557.

Monday, March 24th @ 7:00pm

## Good Agricultural Practices

•Good Agricultural Practices (GAP) training for fresh fruit/vegetable/direct meat producers.

**Rader's** 5 S. Irvine Road  
Irvine, Kentucky  
**River Grill**  
Under the Irvine Bridge Chris Rader, Owner



"The Only Floating Restaurant in Ky."  
Now Open 6am For Breakfast!  
**(606) 723-6439**  
Try Our Sunday Buffet!

## FARM SERVICE AGENCY AGRICULTURE NEWS

Richmond FSA Service Center  
1024 Ival James Blvd., Ste A-2  
Call 888-758-6909

### Livestock Producers Affected by Severe Weather Urged to Keep Good Records

Livestock producers affected by natural disasters such as the drought in the West and the unexpected winter storm in the upper Midwest are urged to keep thorough records. This includes livestock and feed losses, and any additional expenses that are a result of losses to purchased forage or feed stuff.

In addition to western drought and the early-winter snowstorms, there are a variety of disasters from floods to storms to unexpected freezes. Each event causes economic consequences for farmers and ranchers throughout the United States. FSA recommends that owners and producers record all pertinent information of natural disaster consequences, including:

- Documentation of the number and kind of livestock that have died, supplemented if possible by photographs or video records of ownership and losses;
- Dates of death supported by birth recordings or purchase receipts;
- Costs of transporting livestock to safer grounds or to move animals to new pastures;
- Feed purchases if supplies or grazing pastures are destroyed;
- Crop records, including seed and fertilizer purchases, planting and production records;

Visit [www.fsa.usda.gov](http://www.fsa.usda.gov) or your local FSA office at 1024 Ival James Blvd., Ste A-2 in Richmond at 859-624-1980 for additional NAP closing dates. Producers should always check with their local FSA office for specific crops and other application closing dates. For information about USDA's Farm Bill implementation plan, visit [www.usda.gov/farmbill](http://www.usda.gov/farmbill).

USDA is an equal opportunity provider, employer and lender.

### ST. ELIZABETH BASEMENT SALE

Saint Elizabeth Church on 5th Street in Ravenna will have a special Basement Sale on Saturday, March 15th, from 7:30 AM until 3 PM. Due to water problems in our church basement, everything must go, so repairs can be made.!!!

## BROWN FARM MEATS

located inside Discount Tobacco  
389 Richmond Road in Irvine, KY  
M-F, 9-6, Saturday, 9-Noon  
(606) 643-5107 or (606) 643-5758  
Kentucky Proud Certified

•Home-Grown •Corn-Fed •USDA-Inspected  
Call for pickup or delivery! We sell any size quantities!

- Products**
- Boston Butt Pork Roast . \$3<sup>00</sup>/Lb. (Great for Pulled Pork)
  - Sausage . . . . . \$3<sup>00</sup>/Lb. (Hot, Medium or Mild)
  - Cured Ham . . . . . \$3<sup>50</sup>/Lb. (Whole or Sliced)
  - Ham Steak . . . . . \$3<sup>50</sup>/Lb.
  - Ham Cutlets . . . . . \$3<sup>50</sup>/Lb. (Similar to cube steak, only ham)
  - Bacon . . . . . \$4<sup>00</sup>/Lb.
  - Jowl Bacon . . . . . \$3<sup>50</sup>/Lb.
  - Pork Tenderloin . . . . . \$4<sup>00</sup>/Lb.
  - Pork Chops . . . . . \$3<sup>50</sup>/Lb.
  - Spare Ribs . . . . . \$3<sup>50</sup>/Lb.
  - Country Style Ribs . . . . . \$3<sup>50</sup>/Lb.
  - Baby Back Pork Ribs . . . . . \$3<sup>00</sup>/Lb.
  - Pork Burgers . . . . . \$3<sup>50</sup>/Lb. (Ground, pattied pork with no seasoning)
  - Bratwursts . . . . . \$3<sup>50</sup>/Lb.
- Bundle Packages**
- 1/4 Processed Hog . . . . . \$115<sup>00</sup>
  - 1/2 Processed Hog . . . . . \$210<sup>00</sup>
  - Whole Processed Hog . . . . . \$400<sup>00</sup>