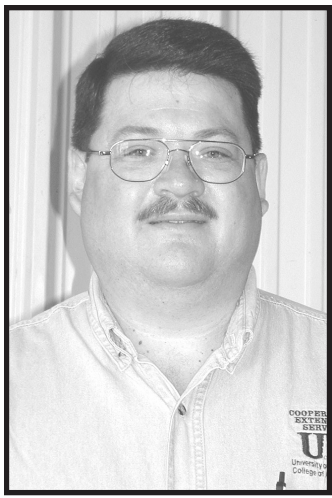


Yellow Flowering Plants Cover Many Pastures



Eric Baker
Estill County Extension Agent for Agriculture & Natural Resources

I have received numerous questions about the yellow flowering plants in many pastures. Yellow buttercup is a cool-season weed that 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.

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 management 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.

Although too late this spring, you can control buttercup with herbicides registered for use on grass pastures that contain 2,4-D. Depending on other weeds present products that contain dicamba and 2,4-D (eg. Weedmaster), aminopyralid (eg. GrazonNext HL, Milestone), triclopyr (eg. PastureGard, Crossbow, Crossroads) or metsulfuron (eg. Cimarron) can also be used. However, legumes such as clovers interseeded with grass pastures can be severely injured or killed by these herbicide prod-

ucts. For optimum results apply herbicides in the early spring (February - March) before flowers are observed when buttercup plants are still small and actively growing. If buttercups are blooming, skip the herbicide this year and mow them. When using herbicides, better results occur when 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 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.

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To make soil more acidic:

- Mix in 1.2 oz. of ground rock sulfur per square yard for sandy soils, 3.6 oz. per square yard for all other soils.
- Sawdust, composted leaves, wood chips, cottonseed meal, leaf mold and especially peat moss, will lower the soil pH.
- The best way to adjust pH is gradually, over several seasons.

Sources: www.thegardenhelper.com/acidsoil

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Free Day Camp at Aldersgate United Methodist Church Camp



Make plans to attend the 3rd annual Day Camp at Aldersgate Camp for incoming 2nd thru 10th grade Estill and Powell County students. The United Methodist Churches of Estill and Powell Counties have teamed up with Aldersgate Camp to provide a free one day camp on Tuesday, May 30. All costs will be covered by the churches.

Activities for the day will include Bible study, field games, a craft project, swimming in the pool, visiting the farm animals, creek walk to the clay wall, and visiting and learning about the Fitchburg Furnace. The Day Camp staff will be the trained summer staff at Aldersgate Camp. Lunch, and a morning and afternoon snack will be provided.

Limited transportation will be available at Clay City, Jackson Chapel, Irvine and Wisemantown United Methodist Churches. Pick-up will be at 9 a.m. and drop-off will be at 5 p.m.

Registration forms are available at Estill County Public Library, The Twin, and at any of the United Methodist Churches mentioned above or at the Aldersgate Camp web site: www.aldersgatecamp.org.

It will be a great way to spend a summer vacation day. Enrollment will be limited to the first 75 young people to fill out and turn in their forms, so hurry and get registered. The registration deadline will be Wednesday, May 24 at 5 p.m.

Aldersgate Camp & Retreat Center has been exciting and empowering campers of all ages for over 50 years. Owned and operated by the United Methodist Church of Kentucky, Aldersgate is located about 20 minutes from Irvine, nestled on about 350 acres in the ghost town of Fitchburg in the foothills of Appalachia. It is one of the hidden jewels of Estill County. Aldersgate seeks to intentionally provide for the faith development of individuals of all ages in Christ and in Christian community within the natural beauty of God's creation by providing opportunities for people to come and enjoy the outdoors through activities such as hiking, gaga ball, swimming, playing in the creek, fishing, low and high ropes courses, crafts, animals, prayer labyrinth, faith development, camp fires, friendship, and much more.

Wishing Well®

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

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: H equals N

MO ANDJYNFL RKQJF ONQ
RJQPKMH YQMZCPIL RNINQJF
ANHZYMQFA, DMZCP CJ YJ K
PKHKZJQ DKHKZJQ?

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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.

IGUPKO PIWGH GUW SPJW
XTWHHVWK VEDWI NEUQGUI;
ATWC VGC RW RWGAWK, RYA
ATWC VGC HAGUA G QPKKPKO
OGVW. — OEWATW

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Puzzle Answers

May 17, 2017

Puzzles4Kids

Answer

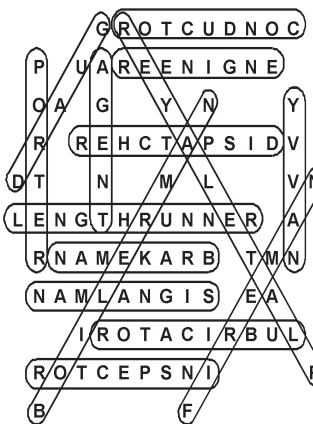
SIFTER	F	TIRES
COWARD	A	CROWD
ASCEND	S	CANED
INSTEP	T	PINES
FLOWED	F	DOWEL
SOCKED	O	DECKS
ROMANO	O	MANOR
DESERT	D	STEER

Letter Box

Solution

P	N	R	B	A	K	T	S	U
K	U	A	R	T	S	B	N	P
S	T	B	N	U	P	K	A	R
R	K	T	P	S	N	A	U	B
B	A	N	K	R	U	P	T	S
U	P	S	T	B	A	N	R	K
N	R	U	A	K	B	S	P	T
T	B	P	S	N	R	U	K	A
A	S	K	U	P	T	R	B	N

RAILWAY OCCUPATIONS



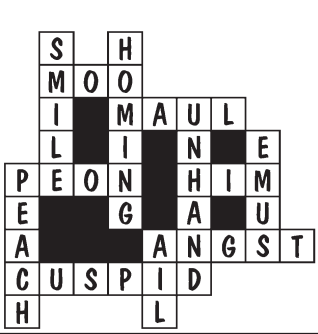
CryptoQuip

answer
If somebody cared for certain brightly colored songbirds, might he be a tanager manager?

CryptoQuote

answer
Daring ideas are like chessmen moved forward; they may be beaten, but they may start a winning game. — Goethe

FEAR & KNIGHT



Even Exchange

- answers
- Skunk-Spunk
 - Hangar-Hanger
 - Rusty-Dusty
 - Litter-Letter
 - Cajole-Carole
 - Peach-Peace
 - Nancy-Nanny
 - Gobble-Wobble
 - Daily-Daisy
 - Cornet-Corner

Weekly SUDOKU

Answer

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

King Crossword

Answers
Solution time: 21 mins.

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

Stickeler's Puzzle

STICKELERS [sic]

by Terry Stickels

An alphabetic tribute to the world's best horn section — Tower of Power.

TOWER	Let P = 1
OF	T = 6
+ POWER	W = 5
HORNS	

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Stickeler's Answer on Page 11

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Friday 10-6 and Saturday 9-4

Bible Trivia Answers

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

ANSWERS (1) Old: (2) Stephen; (3) Eutychus; (4) Liberty; (5) Phillip; (6) Aquila