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Buttercups in Pastures

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 dur-

ing 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.

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. Cimarron) 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 herbicides 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.

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Winter annual broadleaf weeds like henbit, purple deadnettle, and buttercup species are growing with moderating temperatures. As a cool-season weed, buttercup is a plant that 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

Wishing Well®

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

S ICFSRXK T MEXXZKCL ZPZZD
XTFSIL RTIFTWCPZX, MC S RTWWXK
ESG GD GXWCI RCWWSX UTUD.

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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.

GN PORZC ZGM RGMTOEGP
YNFTUR BZG RYRO IR LOECCRG
NG CXR VFRZ, CXNTPX UZGA
CXROR IR LXN XZYR COERM EC.
— XROUZG URFYEFFR

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Preventing Crabgrass in Lawns

While the winter may have wreaked havoc on many desirable plants, it did little to affect crabgrass, the most common weed in Kentucky lawns. According to UK Extension specialists, crabgrass is an annual weed that out competes desirable grasses and then dies in the fall, leaving bare spots in yards for winter weeds to fill in. The cycle keeps repeating itself until the turf stand gets poorer and poorer.

The best way to control summer annual grassy weeds, including crabgrass, is to apply a pre-emergent herbicide to established turf grass stands before the weed germinates. Forsythia is a fairly reliable indicator of when crabgrass will germinate. Individuals should apply pre-emergent herbicides before the forsythia blooms begin to drop. Forsythia buds usually mean you have 10 to 14 days to apply a pre-emergent herbicide.

Individuals wanting to use herbicide should look for products containing the active ingredients di-thiopyr, pendemethalin, prodiamine and bensulide. Do not use pre-emergent herbicides on recently seeded lawns. "Weed and feed" products and others containing nitrogen are not recommended for lawns with cool-season grasses, such as tall fescue and Kentucky bluegrass, during the spring or summer. Nitrogen encourages the growth of perennial and annual warm-season weeds to further outcompete cool-season grasses, as they grow really well during the hottest part of the year. All fertilizer on cool-season lawns should be applied in the fall.

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

from Eric Baker

Stickeler's Answer Stickelers Answer

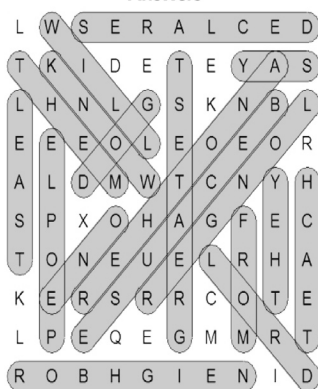
They are all the same.

Stickeler's Puzzle on Page 7

Puzzle Answers

BIBLE WORD SEARCH

Answers



Bible Word Search on Page 7

him my melon collie baby.
I noticed a sheepdog puppy
eating cantaloupe, so I called
answer
CryptoQuip

No great and enduring
volume can ever be written
on the flea, though many
there be who have tried it.
— Herman Melville
answer
CryptoQuote



Spring-blooming perennials

- Bearded irises
- Basket-of-gold
- Astilbe
- Coral bells
- Pincushion flower
- Geraniums
- Baptisias
- Bleeding heart
- Goatsbeard
- Peonies

Source: www.hgtv.com

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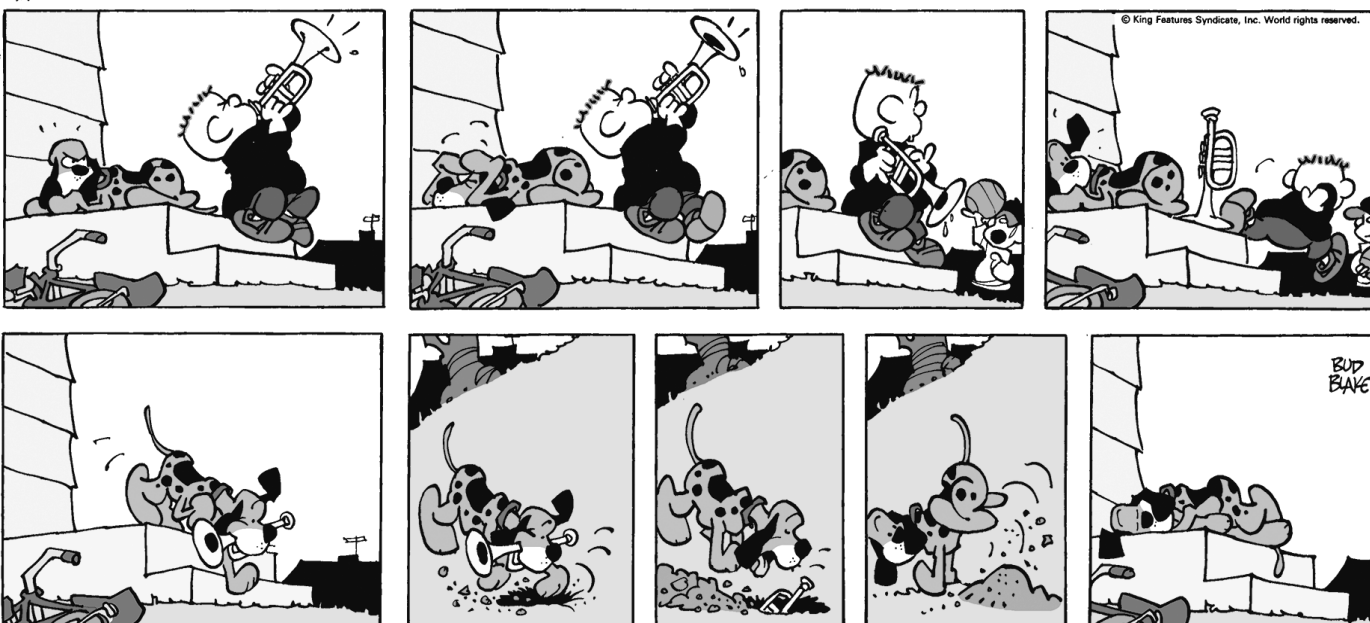
Birding BITS BY Cindy Brook

Drops of Sunshine
Who doesn't love American goldfinches? Here are five things they can't resist:

1. Thistle or Nyjer seed in a tube feeder.
2. Sunflower heart chips.
3. Black oil sunflower seed.
4. Purple cone flowers.
5. Fresh water (lots of it!).

E-mail: birdingbits@fl.rr.com
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TIGER

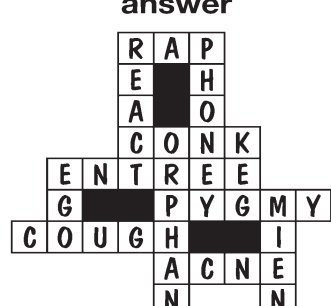


Puzzle Answers March 24, 2021

Puzzles4Kids Answer



FEAR KNOT answer



Even Exchange answers

1. Expect, Expert
2. Timer, Tamer
3. Groan, Grown
4. Valley, Galley
5. Twirl, Twill
6. London, Lyndon
7. Talon, Salon
8. Sling, Slang
9. Backer, Bicker
10. Prove, Probe

King Crossword

Solution time: 22 mins.



Letter Box Solution

O	L	T	U	I	E	P	G	
E	I	G	P	L	Y	U	O	T
T	P	U	G	E	O	Y	L	I
Y	G	T	L	O	U	P	I	E
I	U	E	Y	G	P	O	T	L
P	O	L	I	T	E	G	U	Y
G	Y	I	O	P	T	L	E	U
L	E	O	U	I	G	T	Y	P
U	T	P	E	Y	L	I	G	O

Weekly SUDOKU Answer

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

Bible Trivia Answers

"Test Your Bible Knowledge," with 1,206 multiple-choice questions by columnist Wilson Casey, is available in bookstores and online.

ANSWERS (1) Neither: 2) Gave Jesus a kiss: 3) Caliphates: 4) Disciples: 5) Thomas (called Didymus); 6) 40 days (Acts 1:3)