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Garden mums popular in Autumn

Pink, white, lavender, maroon, and bronze are all different colors of fall mums. These flowers actually are called chrysanthemums, but most just call them garden mums. They are traditional during autumn months since they naturally flower at this time of the year. The type of flowering chrysanthemums sold in the fall are often called hardy mums, but all types are not reliably hardy in Kentucky. While most cultivars perform satisfactorily but certain types may perform better under some production conditions than others. Additionally,

some cultivars are more desirable than others for early sales. Garden mum cultivars vary in plant size (from dwarf to very large), flower form (such as daisy-like, pompon, spider, spoon, and button), and flower color (various shades of yellow, pink, lavender, bronze, red, orange, salmon, and coral, as well as white).

Annually, Kentucky growers usually produce just over a million garden mums in pots or planted in rows in a farm field. The plants have been watered and fertilized all summer to produce large plants available for fall decoration.

Plants are covered with flowers that will last four to six weeks. Mums need at least six hours of full sunlight each day. During the warm and dry fall weather, they should be regularly watered. They like cool, night temperatures and their colors are brightest and last longest under cool conditions. Insect pests, such as

aphids, leafhoppers, grasshoppers and caterpillars, as well as spider mites, are relatively common on garden mums. Gray mold and bacterial leaf spot are the primary disease problems.

Actually, production of garden mums for fall sales began months ago. Growers received cuttings of patented varieties in late May, June, or early July. As days shorten, chrysanthemums begin to flower. This means the plant has an internal control to tell it when autumn is on the way. The plants react to the decreased day length in late July and sets flower buds that will open in September before the killing frosts of October. Growers observed this phenomenon more than 75 years ago and now chrysanthemum growers can get mums to flower anytime of the year in greenhouses.

If you are planning to try to overwinter a mum, there is one very important distinction to be made as to the type of

plant you have. The decorator mums widely available in September and October are usually winter hardy varieties. With a bit of protection, these hardy mums can persist in your garden. But if your mum comes from a florist, the plant is most likely a greenhouse cultivar, bred especially for looks rather than hardiness. These mums are difficult to grow outside a greenhouse and are best treated as annuals if planted outside.

For more information, contact the Estill County Extension office at 723-4557. If you are interested in growing mums, call us or go online to view UK Cooperative Extension publication CCD-CP-71 at <http://www.uky.edu/hort/sites/www.uky.edu/hort/files/documents/gardenmums.pdf>

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Wishing Well®

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

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: A equals T

ERYJPN YJQFM RDJPA R

VMHNJX GWJ RTGRKN TMRVN

MLSFAMCTK FXAJ SRDN

WMRCEFHNA: "ARLF CFQMH."

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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.

Q VKFYXDXQM XI Q SQM NLK

QVVCKQDLJI JBJCW HOJIYXKM

NXYL QM KVJM SKOYL.

— QGFQX J. IYBJMIKM

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Puzzle Answers

October 17, 2018

Puzzles4Kids

Answer

How do witches stay in such good shape?

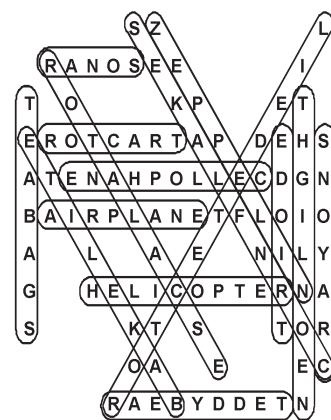
They do lots of hex-ercise.

Letter Box

Solution

A	S	R	O	L	F	T	P	M
T	M	L	P	A	R	S	O	F
O	F	P	M	T	S	A	R	L
P	L	A	T	F	O	R	M	S
S	R	F	L	M	P	O	A	T
M	O	T	R	S	A	F	L	P
F	P	S	A	O	L	M	T	R
L	A	M	F	R	T	P	S	O
R	T	O	S	P	M	L	F	A

INVENTED 1900-1909



CryptoQuip

answer

Famous movie about a person who always leaps excitedly into cabs headfirst: "Taxi Diver."

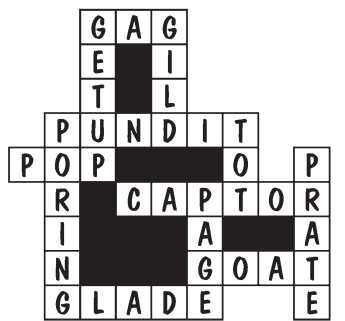
CryptoQuote

answer

A politician is a man who approaches every question with an open mouth.
— Adlai E. Stevenson

FEAR & KNIGHT

answer



Even Exchange

answers

- Parton, Pardon
- Basin, Basic
- Warned, Warped
- Mercy, Merry
- Umpire, Empire
- Cadet, Caret
- Tinder, Tender
- Daily, Doily
- Prove, Prose
- Bless, Bliss

Weekly SUDOKU

Answer

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

King Crossword

Answers

Solution time: 27 mins.

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

Farming News

Estill County Cooperative Extension is conducting a community needs assessment survey. We need your feedback to help us provide needed programming in our mission of "extending knowledge and changing lives". If you complete our survey, you have a chance to win one of two \$50 gas gift cards. See our "Make Your Mark" advertisement below in this newspaper issue.

Stickeler's Puzzle



Nine hours ago, it was six hours before 3/4 of the day already was gone. (The day starts at 12:00 a.m.)

What time is it now?

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Stickeler's Answer on Page B-5

Farming News

from Extension Agent Eric Baker

Monday, October 22nd @ 6:30pm

Beekeeper Meeting

Estill County Cooperative Extension will host a beekeeping meeting Monday, October 22nd, 6:30 p.m. at the Extension office, 76 Golden Court, in Irvine. Guest speaker will be Laura Rogers, Kentucky State University small farms agent, and she will discuss preparing your hives for winter. Call 723-4557 to pre-register or for more information.

Thursday, November 1st @ 12:30pm

Smart Driver Course Offered

There will be an AARP Smart Driver Course on Thursday, November 1st, 12:30 p.m. to 4:30 p.m. at the Estill County Extension office, 76 Golden Court (off Stacey Lane) in Irvine.

This driver safety course is designed especially for drivers age 50 and older. Some insurance companies offer a discount for clients who attend this type training. To see if this course qualifies you for a discount, contact your insurance agent.

The cost is \$15 for AARP members and \$20 for non-members. Please call 723-4557 to pre-register by October 28th.



Mix It Up

One of my favorite ground-feeding seed blends is white proso millet mixed with safflower seed. Songbirds love this blend, and on many occasions I have seen cardinals, wrens, titmice, doves, buntings, sparrows and red-winged blackbirds eating in my little bird area.

E-mail: birdingbits@cfl.rr.com
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top ten

Where Americans Check Email

1. Watching TV/ Movie
2. Bed
3. Vacation
4. Bathroom
5. On the Phone
6. Walking
7. Commuting
8. Meal with others
9. Face-to-face
10. Working out

Source: Adobe
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Make your mark

Take a short survey to help develop local programs that will address issues in your county.

Contact the Estill County Extension Office for a copy of the survey, or take the survey online at: www.bit.ly/KYExtension

Complete a survey and have a chance to win one of two \$50 fuel gift cards. If you take the survey online, take a cell phone screenshot or print the screen of the survey's "Thank-you" message after it's completed and email to DL_CES_ESTILL@EMAIL.UKY.EDU

Paper surveys are also available at the Estill County Extension Office, 76 Golden Court, Irvine, KY 40336. Deadline to complete survey either online or paper is October 26th. Drawing will take place October 29th and winners will be notified by phone. *Only one entry per person.*

For questions or more info, call 606-723-4557.

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LEXINGTON, KY 40546

Bible Trivia Answers

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

ANSWER: (1) New; (2) Lily; (3) Pure; (4) Michael; (5) The Lord; (6) Eagle