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Good Time To Improve Lawns

Individuals with yards that are in need of a renovation should make sure that intended planting areas are clear of existing vegetation, including weeds.

"The more competition that exists when the seeds begin to germinate, the poorer the seedlings will do," Munshaw said. "This may require the homeowner to remove the weeds by hand and/or make a herbicide application."

Those wanting to establish a new lawn should first till the soil and make a good seedbed, creating a desired shape for the lawn.

Whether renovating or establishing a lawn, homeowners should test their soil for any nutrient deficiencies before starting, as it is easier to apply large quantities of fertilizer or lime then without the fear of burning the new grass, he said. Soil testing is available at every County Extension office.

After tilling in lime or fertilizer indicated by the soil test, homeowners should prepare the soil for seeding by rolling and lightly raking it. Depending upon the soil test results, some growers may find it beneficial to apply a starter fertilizer right

before seeding. "A starter fertilizer contains higher phosphorus levels than most fertilizers and will benefit seed germination," Munshaw said.

Homeowners can then broadcast seed and lightly rake it into the soil or drill it into the soil using a seed drilling machine.

"The goal with seeding is to have good seed-to-soil contact, so the seed has access to water and nutrients to help it grow," he said. "Homeowners should make sure the seed is not planted too deep as this can prevent good germination and establishment."

It typically takes seven to 10 days for tall fescue to germinate under optimal conditions and 15 to 21 days for Kentucky bluegrass. Germination can take longer if the soil surface lacks moisture, the soil surface temperature is cold or old or poor quality seed is used. In addition, seed harvested in the summer may have a short-term dormancy factor

so it may not have time to germinate or become established before cold weather.

After planting, homeowners should keep the new lawn consistently moist but not so wet that puddles appear. To help with continued growth, individuals may want to add a nitrogen fertilizer about one month after germination. The grass should not be mowed until it becomes one-third taller than the desired mowing height.

Additional lawn care information is available on the UK Turfgrass Science website at <http://www.uky.edu/Ag/ukturf/HomeLawn-Care.htm> and their YouTube Channel, UK Turf.

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

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Pine cones indicate moisture
Pine cones contain the seeds of the pine tree on which they grow. Cones have been observed as "opening" when weather conditions are dry, and "closing" when the air becomes moist. The exact reason why is not fully understood, but it is thought to affect the dispersal of seed from the cones. In folklore, closed cones indicate that rain is coming.

- Brenda Weaver
Source: www.museumoftheearth.org

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Stickeler's Puzzle

STICKELERS^[sic]
by Terry Stickels

How many anagrams can you find for each of the words below?

1. triangle
2. yearling
3. notes
4. diapers
5. subtle

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Stickeler's Answer on Page 11

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

JUX'J HUX IRBA OUY DGB
ZGNP GBPYBX JUX
WKXGJXJ. HYY MGA JUX
AYXJB'H WKXGJX GBPYBX.
- GBYBPZYEJ

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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: O equals T

JP H PJEONT JGIJFJISHE
OZHFAZXAI ONA ZMHI OKJLA,
KMSEIG'O NA CA H IJZOT
IMSCEA LZMXXAZ?

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Puzzle Answers

September 3, 2014

Puzzles4Kids

Answer

What kind of book does a rabbit like to read?
One with a hoppy ending.

Letter Box

Solution

A	F	P	T	U	N	E	K	O
T	K	E	O	P	F	A	U	N
U	N	O	K	E	A	T	F	P
K	P	T	F	O	E	U	N	A
F	E	U	A	N	P	O	T	K
O	A	N	U	K	T	P	E	F
P	O	K	E	F	U	N	A	T
E	T	F	N	A	O	K	P	U
N	U	A	P	T	K	F	O	E

Even Exchange

answers

1. Spout, Shout
2. Banner, Banter
3. Tempo, Tempt
4. Wordy, Worry
5. Foster, Faster
6. Chart, Charm
7. Palace, Palate
8. Click, Cluck
9. Revise, Revive
10. Daisy, Daily

— Weekly SUDOKU —

Answer

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

King Crossword

Answers

Solution time: 25 mins.

Bible Trivia Answers

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

ANSWERS: (1) New; (2) Timotheus; (3) Love; (4) Darius; (5) Shoes; (6) Samson

Estill Ag News

Thursday, September 4th @ 6:30pm

Garden Seed Saving Class

Are you interested in properly saving your own heirloom vegetable seeds? If so, join us for a Garden Seed Saving Class on Thursday, September 4th, 6:30 p.m., at the Estill County Extension Office, 76 Golden Court, in Irvine. University of Kentucky Extension horticulture specialist Rick Durham will be our guest speaker. For more information, call the Extension Office at 723-4557.

Monday, September 15th @ 2pm

Arboretum Walking Tour

Attention plant enthusiasts! University of Kentucky Arboretum showcases plants from all over Kentucky including vegetable/flower trials and a rose garden. Estill County Cooperative Extension Service has organized a guided walking tour of the Arboretum on Monday, September 15th, at 2:00 p.m. If you are interested in attending, we will take our office van (room for 11 passengers) or you can go on your own. We will leave from the Extension Office September 15th at 12:30 p.m.. Please pre-register no later than September 12th by calling 723-4557.

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Jack Walling

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