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Time for Seeding Lawns

Although fall is considered the best time to seed cool-season grasses in lawns, February through mid-March is usually the second most successful time of year to seed or renovate. Springtime soil moisture is often good but because soil temperature is usually low, germination is very slow. After germination, however, seedling growth is usually very fast.

Under optimum conditions the germination time for cool season grasses is generally listed as 15 to 21 days for Kentucky bluegrass, 7-10 days for tall fescue, and 5-7 days for perennial ryegrass. However this time can be greatly extended when surface soil moisture is very lacking, when there are periods of wet/dry conditions, when the surface soil temperature remains cold, or when old seed or poor quality seed is used.

recommended for most KY lawns and the top varieties include Regenerate, Grade 3, Hemi, Bizem, Fesnova, Catalyst, Bulls-eye, Falcon IV, Falcon V, Terrano, and Firebird 2. Select the best variety and purchase certified seed when possible. Such seed is generally pure and true to type for the characteristics developed by the plant breeder. Certified seed will contain fewer weed and other crop seed contaminants and will be free of inert filler. If you are unable to buy certified seed, it is still very important to buy seed by variety name. Seeding rate for turf-type tall fescue is 6 pounds per 1,000 square feet. Make sure you get the seed in contact with the soil for success. Grass seeded on top of the ground usually fails.

Mow as frequently as needed to keep the old grass or weeds from shading the new seedlings. As the new seedlings develop, continue mowing at the height intended for the entire turf area. Do not let the seedlings grow tall before mowing. Weed control efforts can usually begin, if needed, after the new seedlings have grown enough to have been mowed one or two times.

For more information on lawn care, contact the

Estill County Extension Office at 723-4557. You can also visit the UK Turf-grass website at <http://www.uky.edu/Ag/uk-turf/> for publications and videos on selected turf management topics.

FIREBLIGHT MANAGEMENT

It is time to be planning the disease control program for the home orchard, especially fire blight. Fire blight, a bacterium, is a disease that affects fruit and ornamental plants. It over winters in cankers formed during the previous years' infections and as "resident" bacteria on plant surfaces. When conditions are favorable, the disease attacks and causes the black "fired" appearance to the damaged tissues.

In order to control fire blight, there are several points to consider. Take extra care during the dormant season to prune trees according to sound horticultural principles. Trees properly thinned and shaped are generally less susceptible to fire blight. In addition, while trees are dormant, blighted twigs should be pruned just below the infected areas and destroyed. This practice, which should be done every year, eliminates an important potential

source of inoculum for subsequent epidemics. The pruning must be done carefully, so that all infected branches are removed. This care is especially important in young plantings where unchecked canker development could easily kill the tree. It is not necessary to sterilize pruning tools for dormant pruning. Remove badly infected trees and old, neglected pear trees that could be sources of inoculum.

While trees are breaking dormancy, just at first green tip, apply fixed copper spray to the twigs and branches to help reduce over wintering bacterial inoculum. Avoid spraying copper after 1/2-inch green tip so that fruits do not become russeted. Thoroughly wash the spray tank following use, since the chemical can be corrosive. This spray also will reduce the over wintering populations of the fungi that cause black rot, blotch, and other canker diseases.

Visit the Estill County Extension office at 76 Golden Court in Irvine for fruit tree spray schedules or call 723-4557.

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Wishing Well®

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

DLWVSA BJ CAOQCA NRWB BJ
CJ NQBR BRA BTAA BTDLF RA
RWC ZDPB MTJOAPPAC, BRA
SDEVATZWOF NWP PBDEMAC.

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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.

VPGHGWL FB SCJX ISV
TCIIJV GX JFXV; FI FB HGI
BG SCNK IG VCNH WGHVL
CB IG BZVHK FI AVJJ.
— BZRNQVGH

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Puzzle Answers

March 6, 2019

Puzzles4Kids

Answer
TASSEL S STEAL
PHONES N HOPES
REOPEN O PREEN
SOARED O READS
GRAZED Z RAGED
ETCHES E CHEST

RAPIDS D PAIRS
ARTRY A TERRY
PASTRY Y STRAP

FEAR & KNIGHT

answer
A S
L A Y
T N M
A R T Y
R A I R M E N
A X E M E T
P L O
E L D E S T
X E

Letter Box

Solution

R	E	O	X	F	U	N	H	T
T	F	U	R	N	H	X	O	E
N	X	H	O	T	E	R	F	U
E	H	N	T	R	F	U	X	O
F	O	X	H	U	N	T	E	R
U	T	R	E	X	O	H	N	F
O	U	T	F	H	X	E	R	N
H	R	F	N	E	T	O	U	X
X	N	E	U	O	R	F	T	H

WORDS WITH STRAIGHT LINES ONLY

T N E M A L I F E
I L L T T M
W I N H A N
T H E N T E A
W E M I A L L T N
E M T A N T I
V L L A I T I N I V E F A
E L M A X I M I Z E H F F
E V I L A

CryptoQuip

answer
Unable to decide what to do with the tree trunk he had just processed, the lumberjack was stumped

CryptoQuote

answer
Economy is half the battle of life; it is not so hard to earn money as to spend it well.
— Spurgeon

Even Exchange

- answers
- Linger, Longer
 - Brake, Broke
 - Trial, Trill
 - Career, Careen
 - Burst, Burnt
 - Inland, Island
 - Trade, Trace
 - Scare, Scarf
 - Outlet, Cutlet
 - Stripe, Strike

Weekly SUDOKU

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

King Crossword

Answers
Solution time: 21 mins.
O B I T S A P A S P
H O N O L U L U S H A H
M A K E O V E R I O T A
T I S V A M P E D
O C E A N V E T O
C H U G L A Y O V E R
T A R G A L O P P I P
P O P O V E R L I C E
E D I T Y A C H T
D U R E S S E O N
A V O W H A N G O V E R
M E M E E N V I S A G E
N A P E D A Y E N O S

The Garden Bug

Attract pollinators

Pollinators like hummingbirds, butterflies and ladybugs spread pollen from one plant to another, which helps flowers to bloom and trees and bushes to bear fruit. Offering flowers rich with nectar and pollen like **beebalm**, **butterfly bushes** and **cornflower** plants will bring these delightful creatures around your home. — Brenda Weaver Source: homeguides.sfgate.com

Beebalm

Birding BITS

BY Cindy Brook

Welcome Mat
I did it. I bought a large tray feeder to use as a central feeder in my yard. I secured it on a 4-by-4 post and filled it a blend of safflower seed, sunflower hearts and peanuts. I love the idea of having an open platform for any bird to land on. And they do!

E-mail: birdingbits@cfl.rr.com
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Stickeler's Puzzle

STICKELERS [sic]
by Terry Stickels

One of the following words is misspelled. Which one?

- repertoire
- cemetery
- sergeant
- persverance
- harass

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Farming News

from Extension Agent Eric Baker

Friday, March 8th @ 6:30pm

Beef Quality Care Assurance Training

Attention cattle producers! The Estill County Cooperative Extension Service will host a Beef Quality Care Assurance (BQCA) training on Friday, March 8th, 6:30 p.m., at the Extension office, 76 Golden Court, Irvine. Participants will have a comprehensive training including proper cattle handling techniques, proper nutrition, animal health procedures, health disorders, handling facilities and hauling, and more. Contact the Estill County Cooperative Extension Service at 723-4557.

Thursday, March 14th @ 6:00pm

March Cattle Producer Meeting

Extension and Estill County Cattlemen's Association are having a cattle producer meeting on Thursday, March 14th, 6:00 p.m., at the Estill County Extension office. The meeting is sponsored by Multimix USA, producer of an injectable trace mineral product for cattle. Multimix technical veterinarian Dr. Dan Tracy will discuss trace minerals, different forms of supplementation, challenges that exist that impact the trace mineral status of cattle, and influence of trace minerals have on cattle immune and reproductive system. A catered meal will be provided. Please pre-register by March 11th by calling 723-4557. Estill County Cattlemen's Association will have a business meeting afterward.

Deadline is Friday, March 15th

Time to place your order

Time to place your order for berry plants and more. The Estill County Extension Service will be taking orders for strawberry, blackberry, blueberry, raspberry, asparagus, and Candy onion plants. Plants will be delivered in early April. If you are interested or have questions, call our office at 723-4557. Order and prepay by March 15th.

Stickeler's Answer on Page 11

Sammie's

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- Tables & Chairs

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Bible Trivia Answers

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

ANSWER: (1) Old; (2) Cloud; (3) David; (4) Aaron; (5) Jo-nah; (6) Wax