

"Backyard Beekeeping" at the Estill Museum

Tammy Horn Potter, Kentucky State Apiarist, will give a presentation on "Backyard Beekeeping" on Friday, June 15, 2018, 6:30-8:00 p.m., at the Estill County Historical Museum, 133/135 Broadway in Irvine, Kentucky.

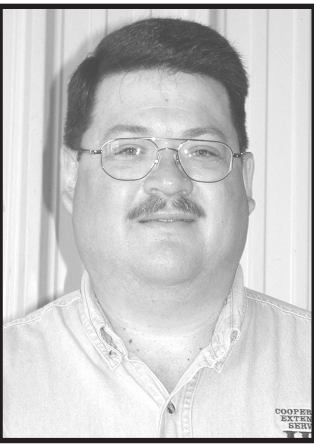
An English professor by training, Tammy Horn Potter decided to help her grandfather with his bees in 1997 and immediately became smitten with them. Balancing her career as an English

professor and hobbyist, Potter wrote Bees in America: How the Honey Bee Shaped a Nation which was published by University Press of KY in 2005. Potter followed Bees in America with a second book, Beeconomy: What Women and Bees teach us about Local Trade and Global Markets in 2012. In order to write it, she went to Hawaii during off-seasons from 2006-2010 to work in the queen bee

production industry. In 2014, Potter became the KY State Apiarist. Her primary goals as apiarist are to document hive health, promote economic development, and provide education and outreach. To date, she has partnered on a USDA grant to promote pollinator and cerulean habitat in Eastern KY, a USDA-APHIS Honey Bee Health Survey grant, and implemented a Hive Count/Honey Report

system for the state. Tammy has served as president for KY State Beekeepers Association, president of Eastern Apiculture Society, a director on Foundation for the Preservation of Honey Bees, and been awarded the 2010 North American Pollinator Protection Advocate Award as well as the Kentucky State Beekeeping Association Lifetime Achievement Award and KSBA Beekeeper of the Year.

Prevent Disease in your Roses



Eric Baker
Estill County Extension Agent for Agriculture & Natural Resources

Spectacular blooms and diverse types and varieties make roses a favorite of many Kentucky gardeners. However, warm, humid growing conditions create an ideal environment for serious problems each year with black spot and powdery mildew.

According to UK Extension plant pathologists, gardeners can nip these fungal diseases in the bud by planting resistant or tolerant varieties and creating an unfavorable environment for disease development. It may be necessary to use fungicides throughout the summer, especially

on susceptible varieties.

Estill County Cooperative Extension Service has materials on resistant and tolerant varieties. Nursery catalogues also publish this information.

To reduce foliar diseases, try to avoid conditions where rose leaves remain wet for an extended period of time. Do not wet foliage when watering plants and allow sufficient time for leaves to dry before nighttime. Prune shading vegetation from overhanging trees and provide space between rose bushes to improve ventilation and sunlight penetration.

Sanitation also is important for managing rose diseases. If you have not already removed and destroyed old leaves, winter-damaged canes and debris, do it as soon as possible. These items are a source of disease-causing organisms.

Many fungicides are labeled to control rose diseases. Always check the label to be sure the product controls black spot and powdery mildew, and read and follow application instructions. To maintain

disease suppression, repeat fungicide applications at 10- to 14-day intervals throughout the growing season.

Black spot produces dark, circular spots with fringed borders on the top or bottom of leaves. Infected leaves often turn yellow and drop, reducing flower numbers and quality.

White, powdery fungal growth is a sign of powdery mildew. It is easy to locate on such plant surfaces as leaves, stems and buds. Infected leaves may be small and deformed.

Two other important, but less common, foliar diseases of roses are downy mildew and rust. Downy mildew produces lesions that are an off-color, later turning purplish-brown. It leads to defoliation. Rust-colored spots on leaves and stems indicate, rust. Severely infected leaves may shrivel and turn brown.

Another summertime disease is rose rosette, which affects roses throughout Kentucky. It is not a fungal disease. This disease is spread by a microscopic mite. The primary host is multiflora

rose, a thorny plant native to Asia and introduced into the United States as a conservation plant and "living fence." The disease also affects cultivated roses.

Early symptoms are increased growth of shoots, which appear more succulent than normal and develop excessive thorns, and distorted, dwarfed leaves. The affected shoots are not winter hardy and produce few blooms. Rose plants eventually die.

Early disease detection is essential to keep rose rosette from spreading. Remove and destroy any infected roses to keep the disease from healthy plants nearby. Carefully remove diseased plants to avoid scattering disease-carrying mites to other plants. Since multiflora roses might be a disease reservoir, remove and destroy any located within one-eighth of a mile from the rose bed.

Educational programs of the Cooperative Extension Service serve all people regardless of economic or social status and will not discriminate on the basis of race, color, ethnic origin, national origin, creed, religion, political belief, sex, sexual orientation, gender identity, gender expressions, pregnancy, marital status, genetic information, age, veteran status, or physical or mental disability.

Wishing Well®

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

©2018 King Features Syndicate, Inc. All rights reserved.

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: S equals T

FIBM C VYUSNMCSB DIJDHBM
FJMZ SIB AYSSBUR, J FYNAX ZCR
JS JZ XNB SY SIB DANDH YV
SIB XUCF.

©2018 King Features Synd., Inc.

CryptoQuip puzzles \$3.50 • 24 Volumes • Order at: rbmamall.com

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.

LJYQO SC Y NYI GX
MPAASUM AJP YUCNPQ "IPC"
NSAJGVA YCRSUM Y LEPYQ
DVPCASGU.
— YEWPA LYOV

©2018 King Features Synd., Inc.

New! CryptoQuote puzzles \$3.50 • 6 Volumes • Order at: rbmamall.com

Puzzle Answers

June 6, 2018

Puzzles4Kids

Answer

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

Riddle Answer:
They lose their zip.

Letter Box

Solution

L	E	O	T	N	H	D	S	A
N	D	A	L	O	S	E	T	H
T	H	S	D	A	E	O	L	N
O	L	H	A	E	N	T	D	S
E	N	D	S	T	O	A	H	L
S	A	T	H	L	D	N	E	O
H	O	N	E	S	T	L	A	D
D	T	L	N	H	A	S	O	E
A	S	E	O	D	L	H	N	T

FEAR & KNIGHT

answer

P	A	L	S
O		A	
T		T	Y
F			P
P			N
L			E
E			H
T			R
Y			M

Even Exchange

answers

- Cooler, Cooper
- Drift, Draft
- Perch, Perth
- Submit, Summit
- Bonus, Bones
- Talon, Salon
- Lament, Latent
- Heist, Hoist
- Flirt, Flint
- Accent, Accept

Weekly SUDOKU

Answer

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

King Crossword

Answers

Solution time: 25 mins.

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

CryptoQuip

answer

When a fortunate chicken wins the lottery, I would say it is due to the cluck of the draw.

CryptoQuote

answer

Charm is a way of getting the answer "yes" without asking a clear question.
— Albert Camus

Bible Trivia Answers

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

ANSWERS (1) Neither; (2) Abraham; (3) Soldiers; (4) Jehu; (5) Aquila

The Garden Bug

National Pollinator Week



The Pollinator Partnership is proud to announce that June 18-24, 2018 has been designated National Pollinator Week, which has grown into an international celebration of the valuable ecosystem services provided by bees, birds, butterflies, bats and beetles. Pollinators travel from plant to plant carrying pollen on their bodies, which allows the transfer of genetic material critical to the reproductive system of most flowering plants. — Brenda Weaver
Source: pollinator.org

© 2018 by King Features Syndicate, Inc. World rights reserved.

Agricultural News

Aerial Recreational Device Operators Must Register With KDA by July 1

Devices Include Zip Lines, Climbing Walls

FRANKFORT (June 1, 2018) — The Kentucky Department of Agriculture (KDA) reminds operators of aerial recreational devices that their devices must be registered with the KDA and in compliance with state law by July 1, 2018. Failure to meet the deadline may result in a stop operation order until the operator is compliant with state law.

The Kentucky General Assembly passed legislation in the 2016 session that directed the KDA to regulate aerial recreational devices. The law defines an aerial recreational device as "a device that provides for a unit of human activity, including but not limited to devices to simulate rock climbing, beams, bridges, cable traverses, climbing walls, nets, platforms, ropes, swings, towers, zip lines, or jump systems that are installed on or in trees, poles, portable structures, buildings, or that are part of a self-supporting structure."

For more information, including a registration application, go to kyagr.com/consumer/aerial-recreational-devices.html or call (502) 573-0282.

Farming News

Friday, June 15th @ 6:30pm

Backyard Beekeeping at the Museum

Tammy Horn Potter, Kentucky State Apiarist, will give a presentation on "Backyard Beekeeping" on Friday, June 15, 2018, 6:30-8:00 p.m., at the Estill County Historical Museum, 133/135 Broadway in Irvine, Kentucky.

Stickeler's Puzzle



The average of 4 numbers is X.

If three of the numbers are A, B and C, how do you determine the remaining number in terms of the numbers already known (X, A, B and C)?

©2018 King Features Syndicate

Stickeler's Answer on Page 11