

**Eric Baker**  
Estill County Extension  
Agent for Agriculture  
& Natural Resources

# Japanese Beetle Numbers Up This Year

by not allowing beetles to accumulate, plants will be less attractive to other beetles. One of the easiest ways to remove Japanese beetles from small plants is to shake them off early in the morning when the insects are sluggish. Kill beetles by shaking them into a bucket of soapy water. Highly valued plants, such as roses, can be protected by covering them with cheesecloth or other fine netting during the peak of beetle activity. Many insecticides are labeled for use against adult Japanese beetles. Examples include pyrethroid products such as cyfluthrin (Tempo, Bayer Advanced Lawn & Garden Multi-Insect Killer), bifenthrin (TalstarOne, Onyx), deltamethrin (Deltagard), lambda cyhalothrin (Scimitar, Spectracide Triazicide), esfenvalerate (Ortho Bug-B-Gon Garden & Landscape Insect Killer) and permethrin (Spectracide Bug Stop Multi-Purpose Insect Control Concentrate and other brands). Carbaryl (Sevin



and other brand names) is also effective. The pyrethroid products generally provide 2 to 3 weeks protection of plant foliage while carbaryl affords 1 to 2 weeks protection.

For those seeking a botanical alternative, Neem products such as Azatrol or Neem-Away (Gardens Alive), or Pyola (pyrethrins in canola oil) provide about 3 to 4 days deterrence of Japanese beetle feeding. Insecticidal soap, extracts of garlic, hot pepper, or

orange peels, and companion planting, however, are generally ineffective.

For more information on ornamental and garden pest control options, contact the Estill County Cooperative Extension Service at 723-4557.

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## Staying hydrated in the heat

Drink an hour or two before you begin any outside work. Do higher-intensity garden chores during cooler morning hours, and easier work, or rest, during the middle of day. You should work through 8 ounces of fluid every 40 minutes or so. For working outside less than 40 minutes, water is fine. For anything over 40 minutes, you'll need sugar and salt in your fluid, as is found in sports drinks.

Sources: www.webmd.com - Brenda Weaver

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**Fruits and Berries**  
If you want to attract non-seed-eating birds into your yard, fruits such as grapes, raisins, cherries, apples and orange halves will attract mockingbirds, gray catbirds, orioles, towhees, cedar waxwings, blue birds, tanagers and many more. Use a tray feeder or place on the ground near brush cover.

E-mail: birdingbits@cfl.rr.com  
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# FARM SERVICE AGENCY AGRICULTURE NEWS

Richmond FSA Service Center  
1024 Ival James Blvd., Ste A-2  
Call 888-758-6909

## Agriculture Risk Coverage and Price Loss Coverage

Farmers and ranchers are reminded that they have until Aug. 1 to enroll in Agriculture Risk Coverage (ARC) and/or Price Loss Coverage (PLC) programs for the 2017 crop year. These programs trigger financial protections for participating agricultural producers when market forces cause substantial drops in crop prices or revenues.

Covered commodities under the programs include barley, canola, large and small chickpeas, corn, crambe, flaxseed, grain sorghum, lentils, mustard seed, oats, peanuts, dry peas, rapeseed, long grain rice, medium grain rice (which includes short grain and sweet rice), safflower seed, sesame, soybeans, sunflower seed and wheat.

For more program information, contact your local FSA office or visit [www.fsa.usda.gov/arc-plc](http://www.fsa.usda.gov/arc-plc). To find your local FSA office, visit <http://offices.usda.gov>.

## Kentucky Producers Have Until Aug. 1, to Submit FSA County Committee Nominations

Farmers and ranchers that they have until Aug. 1, 2017, to nominate eligible candidates to serve on local FSA county committees.

County committees are made up of farmers and ranchers elected by other producers in their communities to guide the delivery of farm programs at the local level. Committee members play a critical role in the day-to-day operations of FSA. Committees consist of three to 11 members and meet once a month or as needed to make important decisions on disaster and conservation programs, emergency programs, commodity price support loan programs, county office employment and other agricultural issues. Members serve three-year terms. Nationwide there are over 7,700 farmer and ranchers serving on FSA county committees.

If you know of a great candidate or want to nominate yourself to serve on your local county committee, go to your county FSA office right now and submit the nomination form and especially encourage the nomination of beginning farmers and ranchers, as well as women and minorities. This is your opportunity to have a say in how federal programs are delivered in your county.

To be eligible to serve on an FSA county committee, a person must participate or cooperate in an agency administered program, and reside in the local administrative area where the election is being held. A complete list of eligibility requirements, more information and nomination forms are available at <http://www.fsa.usda.gov/elections>.

All nominees must sign the nomination form FSA-669A. All nomination forms for the 2017 election must be postmarked or received in the local FSA county office by Aug. 1, 2017. Ballots will be mailed to eligible voters by Nov. 6 and are due back to the local USDA Service Centers on Dec. 4. The newly elected county committee members will take office Jan. 1, 2018.

# Farming News

Thursday, July 27th at 8:00am EST

## UK Field Day in Princeton

University of Kentucky's Corn, Soybean and Tobacco Field Day is quickly approaching. The field day, hosted by the UK College of Agriculture, Food and Environment, is Thursday, July 27 at the UK Research and Education Center Farm in Princeton. It will occur rain or shine.

Registration begins at 7 a.m. CDT (8 a.m. EST). The four concurrent tours begin at 7:50 a.m. CDT. The tours will cover topics related to soil health, production decisions, integrated pest management and tobacco. Producers will have opportunities to participate in all of the tours.

Among the presentations are a research update from UK soil scientist Lloyd Murdock on using a ryegrass cover crop to make fragipan soils more productive and management strategies for improved decision-making from UK agricultural economist Jordan Shockley. UK plant pathologist Carl Bradley will give an update on corn and soybean diseases, and UK plant pathologist Emily Pfeufer will discuss angular leaf spot in dark tobacco.

Field day participants will also get to know many new faces within the UK Grain and Forage Center of Excellence including the newest weed scientist Travis Legleiter.

Certified Crop Advisers can receive two continuing education credits in crop management and one each in integrated pest management, and soil and water management. Program organizers have also requested continuing education units for pesticide applicators.

The field day concludes with lunch provided by the Kentucky Corn Growers Association, Kentucky Soybean Promotion Board and the Burley Stabilization Corporation.

The UK Research and Education Center Farm is located at 1205 Hopkinsville St. in Princeton. For more information, contact Colette Laurent, UK extension associate for grain crops, at [colette.laurent@uky.edu](mailto:colette.laurent@uky.edu) or 270-365-7541, ext. 264.

# Stickeler's Puzzle



Here's a "double-dip" alphabetic ...  
both the letters and the numbers  
add up correctly.

Remember, no word may begin with a zero.

SEVEN	Let S = 4
SEVEN	T = 1
SEVEN	I = 2
+ NINE	
THIRTY	

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Stickeler's Answer on Page 11

# Wishing Well®

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

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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: Y equals E

SJYC L VHCOHBOKHCKXO ZYVHNYX  
NKUUYA HB ERXYO, SHEFA IHE XLI  
JY'X BYLFFI ZYCO HEO HU XJLRY?

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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.

YRSLZNOIWGRS AZWCZZS IFIP  
ISF ZLZ PJOW UILZ AZZS  
FGVVGJYJEW IW WGPZO AZYIJOZ  
WUZK UIF SRARFK WR WIEQ  
IARJW. — IHSZO NZTTEGZN

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# Puzzle Answers July 19, 2017

## Puzzles4Kids Answer



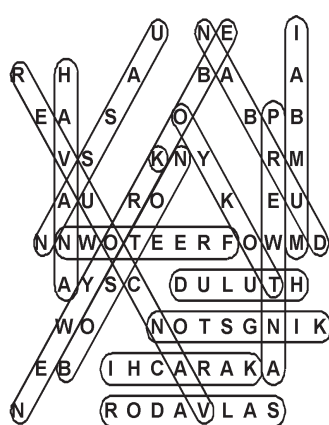
## FEAR & KNIGHT answer



## Letter Box Solution

H	M	E	Y	T	O	P	F	A
P	F	Y	A	E	H	O	M	T
A	O	T	F	M	P	E	H	Y
M	H	O	P	Y	A	T	E	F
E	A	F	M	H	T	Y	O	P
T	Y	P	E	O	F	H	A	M
Y	P	M	O	A	E	F	T	H
F	E	H	T	P	M	A	Y	O
O	T	A	H	F	Y	M	P	E

## MAJOR HARBORS



## CryptoQuip answer

When a contortionist becomes miffed or upset, would you say he's really bent out of shape?

## CryptoQuote answer

Conversation between Adam and Eve must have been difficult at times because they had nobody to talk about. — Agnes Repplier

## Even Exchange answers

- Jolly, Polly
- Lively, Lovely
- Poster, Porter
- Harry, Hurry
- Gripe, Grime
- Ration, Ratios
- Guide, Guise
- Taller, Teller
- Treat, Great
- Minot, Minor

## Weekly SUDOKU

Answer

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

## King Crossword

Answer  
Solution time: 25 mins.

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

## Bible Trivia Answers

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

ANSWERS (1) New; (2) Eve; (3) Abimelech; (4) Tarsus; (5) Pricilla; (6) Baalam