

Eric Baker Estill County Extension Agent for Agriculture & Natural Resources

Until 2014, Kentucky farmers hadn't grown industrial hemp in more than 50 years. Since then, Univer-Agriculture, Food and Environment researchers have pharmaceutical use of hemp approached the UK Depart- vester shows potential to components coming into fo-

the giant plants. believes has the most poten- a prototype by Sept. 1," tial is the flower at the top,"

UK Ag Hemp Harvester Design Shows Promise UKAg engineers bor- their jobs in a way that saves where they can extract the

front-end loader with a stan-

While farmers are still in

it's going to be valuable for

Stombaugh said. "There's

ing about hemp, but we did

the best we could, and it

worked. Helping farmers do

harvester.

another."

most cannabinoids. If the rowed from current techcrop were shorter, we could nology. They used the grain use traditional hay harvest- head from a combine and ing equipment, but most va-selected several useable too tall for that at 10 to 12 connect to any tractor with a

Most recently the process dardized connection. They hemp for cannabinoid extraction has been through intensive management of hydraulic power, but that individual plants in a green- would have made it harder house environment. The to move from tractor to scientist grows the plant, tractor," Stombaugh said. harvests the parts they want, hangs it upside to dry and back of the tractor to crethen individually processes ate power for the harvester. each plant. Stombaugh said All of the equipment can fit they thought about trying to on the back of a gooseneck harvest the flowers by hand, trailer, so it's very easy to sity of Kentucky College of but with 30 acres, it just move from one machine to wasn't feasible.

In the summer of 2015, taken on many projects with a participant in the Ken- the investigative stages of the crop. With research for tucky hemp pilot program hemp production, the harment of Biosystems and help cut down on labor and cus, farmers are realizing a Agricultural Engineering reduce time in the field. "If real challenge—harvesting and offered to fund a proj- hemp is going to be a poect to design a harvester. tential crop for Kentucky, "The part of the plant "They contacted us last July and we can do some things the pharmaceutical industry and asked if we could have to help farmers harvest it, Stombaugh said. "It was a everyone down the road," said Tim Stombaugh, UK tight deadline, but our engi-

them money, labor and time is always something we are interested in doing.'

The hemp harvester spent rieties are currently just way parts. The new harvester can the winter on the UK campus but will likely be out in the field later in 2016.

For more information, for growing and harvesting used electricity to power the visit the UKAg Industrial Hemp page at http://hemp. "Most implements use ca.uky.edu/ or contact the Estill County Cooperative Extension Service at 723-4557.

Educational programs of "We put a generator on the the Cooperative Extension Service serve all people regardless of race, color, age, sex, religion, disability or national origin.



Nest Building

Birds soon will be gathering material for their nests, and here's how vou can help. Put out soft things like string, yarn and (clean) dog hair (NO dryer lint!). These items can be hung from tree branches or scattered on the ground, and will provide extra cushioning for new

E-mail: birdingbits@cfl.rr.com

A rosette is a stylized flower design used extensively in ancient sculpture.



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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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: K equals I

XNVLBWN K FMT'H ELUN NTMBYE

RMTNS HM XBS RS OLUMJKHN

TBHW, K YBNWW K'R

WHJLCCNF OMJ VLWENIW.

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CryptoQuote

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.

SI NXI KIAYDYMJ AYRI H

CKMAAIU EHK - SI KYZI

YC MJAU SGYAI YC YX

DMYJD MNK SHU.

XMNKEI NJRJMSJ

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FEAR®A.

SATYR

E

STY

6. Barber, Berber

7. Grass. Gross

8. Pitch, Patch

9. Beatty, Beauty

Arbor, Armor

Weekly SUDOKU —

Answer

5 3 2 1 7 4 6 8

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

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

6 3 8 7 2 5 9 1 4

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

3 7 2 5 4 1 6 8 9

9 4 3 8 6 2 7 5

4 5 3 1 9 7

ATE

1. Wallet, Ballet

2. Caper, Cater

3. Nation, Notion

4. Digest, Divest

5. River, Rivet

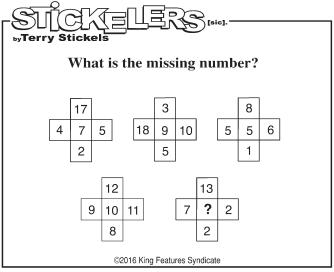
8 6

ROAST

S C A

Even Exchange

extension agricultural engi- neers got busy, and we had still so much we are learnneer. "That flower is the part it ready to use." Stickeler's Puzzle



Stickeler's Answer on Page 11

The rosette It borrows shapes and patterns found in leaves, stems and flowers. It is often seen in carved stone or wood architecture and furniture, and also in metalworking, jewelry design and household items, forming a decorative border or at the intersection of two materials. Some of the earliest appearances of a rosette design come from sites in Egypt and southern Crete. - Brenda Weaver Source: wikipedia

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(ABSOLUTE - RAIN OR SHINE) Saturday, April 2ND at 10:00^{AM}

REAL ESTATE

Barnes Realty & Auction has been authorized to sell at public auction the real estate of the late Mr. Tracy Warner located at 1600 Sand Hill Road, Irvine, Ky.

LOCATION: 1600 Sand Hill Road, Irvine, Ky.

DIRECTIONS: From Irvine, take Hwy. 52 1.8 miles, turn right on Hwy. 1457 (Sand Hill Rd.), proceed 1.5 miles & watch for signs. From Lex., take 1-75 to exit 90A (Robert Martin By-Pass) to Hwy. 52 E, turn left on (Irvine Rd.) approx. 13 miles, turn left on Hwy. 1457 (Sand Hill Road). REAL ESTATE: House-Barn-100 acre farm

(more or less) - Large Boundary The house has 3 bedrooms, living, dining,

kitchen & bath on main level. There is a 13' breezeway connecting the house to a 14' x 25' one-car garage. The property has city water, small outbuilding and a 48' x 65' barn. The subject property has 540' of Sand Hill Road frontage. This farm has several springs, pasture land, wooded area, timber and is partially fenced.



1600 Sand Hill Road, Irvine, Ky.

PERSONAL PROPERTY — GUNS: H & R 622 double action pistol, 410 Stevens-single barrel, Marlin 12 gauge pump, 12 gauge shotgun, J N Scott 12 gauge double barrel, Winchester 22 single shot-Model 67 (L or LR). TERMS: 10% down day of sale on real estate, balance on or before 30 days with delivery of deed. Personal Property—Cash or check with proper ID day of sale with 6% sales tax. 2016 property tax will be prorated. Any and all inspections are the responsibility of the buyer to be made prior to day of sale. Property is being sold "As Is" condition. Not responsible for accidents. Announcements day of sale takes precedence over printed material.

AUCTIONEERS' NOTES: GREAT LOCATION - Rare really nice farm. Only 1 ½ miles off Richmond Road. House and barn are in need of repairs. Timber has not been harvested-Check this out. Whether looking for any or all of these: timber-pastureland-wooded area (ideal for hunting)-cattle/horse farm operation-subdividing—LOOK NO FURTHER-THIS IS IT!!

Barnes Realty & Auction



Barbara Barnes Broker

(606) 723-5396 **(1606)** Trvine, Kentucky



Donnie Barnes Jeff Carter Auctioneers

March 16, 2016

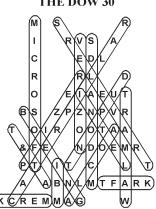
Puzzles4Kids

.etter Box

Solution

S	С	U	1	0	М	L	Т	Ν
М	Т	Ν	L	S	С	U	0	1
L	ı	0	Ν	U	Т	S	М	С
0	Ν	S	Т	С	U	М	Τ	L
Т	U	М	S	L	_	С	Ν	0
Ι	L	С	М	Ν	0	Т	U	S
С	0	L	U	М	Ν	1	S	Т
Ν	М	Ī	С	Т	S	0	L	U
U	S	Т	0	I	L	Ν	С	М

COMPANIES IN THE DOW 30



CryptoQuip

Because I don't have enough money to buy my favorite nuts, I guess I'm

strapped for cashews.

CryptoQuote answer

We use religion like a trollev car — we ride it only while it is going our wav. Source Unknown

— **King** Crossword — Answers Solution time: 27 mins. C O N S A N C S O D A
L U X H A T P I N

Bible Trivia Answers Casey's trivia book "Know It? ... or Not?"

is available from BearManorMedia.com

Disciples; 5) Thomas; 6) 40 2) Matthew; 3) An angel; 4) ANSWERS 1) Neither;