

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

With 2018 being Kentucky's wettest year on record, we see that the new are dealing with less than stress.

"It is important to understand this winter has effects of conduction and for fat has been used up. been relatively easy temperature-wise but difficult circumstances, the 'wind cess to free choice hay, Michelle Arnold, UK ruminant Extension veterinar- meaning to a cow." ian. "Cows of all ages are winter." Prolonged cloudy, ergy and protein sources. not know the true feed wet weather with regular Hay of unknown nutri- value of that harvested bouts of rain has result- tional quality often does forage. ed in muddy conditions not provide enough nutrithat require substantially to maintain body heat.

"Hay quality is also excepmuch of it was cut very ing and baled with enough tion. moisture to support mold

Continued Wet Weather Impacts Cattle Health bitter cold hasn't been a ing age calves, indicating factor to this point.

if the animal has no wind short period of time." protection. "Energy from evaporation. Under these

protein and finally death can eat," Arnold said. ripe, rained on while curdue to insufficient nutri-

growth," Arnold said. of most winters, both vet- as copper and selenium Winter feeding programs erinary diagnostic labo- levels have been far beon many farms aren't ratories in Kentucky re- low acceptable levels this enough to support cattle ceive older beef cows for year. Deficiencies can lead this year, especially those necropsy," Arnold said. to multiple problems, and in late pregnancy or early "This winter, malnutrition it's best to address them lactation, or their new-cases include young cows before they get to that born calves, even though and pre-weaning/wean-point.

Arnold explained that ciencies in the feedstuffs, tant it is to test their hav. cattle have several defens- especially the hay pro- It is simple, inexpensive, es against cold, the first of duced last summer. The and the results are easy which is their hair coat. producer may first notice to interpret," Arnold said. The coat grows longer in a cow getting weak in "Your local Cooperative" the winter and helps cont the rear end. Later she is Extension Service office serve heat and repel cold. found down and is unable can help you. Other than If an animal's coat cover to stand. Death follows that, review your nutriis wet and muddy, its en- within a day or two af- tion program, and if your ergy requirements can ter going down. Multiple cows are losing weight, easily double, especially animals may die within a consider supplemental

At necropsy, the paintake of hay that is ad-thologist may find a thin plied several times by the storage area in the body

Despite having had acthe meteorologist has real starvation. Although hay

tion to meet the animal's producers to bring themmore energy in feed just basic requirements. This selves to the realization calving herds. Late gestatwill result in depletion of that cattle can actually body fat stores, followed starve to death while contionally poor this year, as by breakdown of muscle suming all of the hay they calving. For more infor-

> producers to look at their 723-4557. "Typically, near the end mineral supplementation,

"We want producers to serious nutritional defi- understand how imporfeed to get them through the rest of the winter."

UK beef specialists equate for maintenance animal with no body fat Kevin Laurent, Jeff Lehmyear seems to be more in normal years is falling stores, but the rumen is kuhler and Roy Burris of the same. This means far short of the require-full of bulky, dry forage created an online supplemost livestock producers ment this year," she said. material which is poor mental feeding tool at "Cold conditions are not quality hay. Even the small http://forage-suppleideal conditions, and cat- too difficult for cattle, but seam of fat normally found ment-tool.ca.uky.edu/, tle are showing signs of when rain and wind are on the surface of the heart where producers may added, heat loss is multi- is gone, indicating the last enter hay test values and stage of production to help find appropriate supplements for many operations. Producers should for cattle in Kentucky," said chill factor' referred to by these cattle died from still monitor intake and body condition through may look and smell good, the winter and make sure To combat this, produc- unless a producer tests cattle have clean drinklosing weight now at levers need to supplement the hay for nutritional ing water and access to a els typically seen in late cattle with adequate en- content, he or she does complete mineral supplement.

> In addition, higher magnesium supplementation "It is often difficult for should begin to prevent grass tetany in spring ing cows need to build up magnesium levels prior to mation, contact the Estill She also encouraged County Extension office at

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#### Wishing 🏖 2 5 6 8 6 M Α С Ε U C Η Α D Α 4 6 3 3 С R Ε Ε G Ε W 7 6 5 3 Ε Q Ν 0 6 5 8 2 4 2 Ε R Ν 0 5 8 3 W 2 5 3 8 5 7 OMAEEDC

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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## **IryptoQuip**

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: C equals L

DJX YZMK UJM KMGLMG PU ZQG

YWRMG PCDPXK EMU WCC?

W HMCWMLM WU SQKU HM

KZSMUJWRE WR UJM DPWUMG.

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## **CryptoQuote**

is **LONGFELLOW** 

One letter stands for another. In this sample, A is used for the three L's,  $\boldsymbol{X}$  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.

S DRWZ RTKROY FIYZVWZG

ADRA AF YQLLZZG SC ADZ

KFVTG FCZ YDFQTG RMMZRV

TSHZ R EFFT IQA IZ KSYZ.

BFCAZYPQSZQ

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Feeding Winter Birds

Iill in northern Illinois feeds the birds leftover crackers, raisins, cereal, chips and bread. She also says, "If you get free refills of popcorn at your movie theater -- fill up before you leave. Those huge tubs will give the birds several days of good eating." Thanks for sharing, Jill!

> E-mail: birdingbits@cfl.rr.com © 2013 King Features Syndicate, Inc

# February 13, 2019

FEARGA

answer

L 0 B A R

6. Trail, Train

7. Potion, Motion

8. Stint, Saint

9. Twine, Twice

10. Ballot, Ballet

Z E B U

BLASE

A L B E I T

ELAN

U

1. Beatle, Beetle

3. Corner, Cornet

4. Squirt, Squint

5. Lathe, Lithe

2. Joist, Joint

ZIRCON

**Even Exchange** 

Weekly SUDOKU

Answer

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

1 5 6 9 4 2 8 3

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

2 7 5 6 9 8 3 4

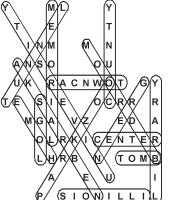


### **Letter Box**

Solution

W	Н	Α	Т	1	Г	0	٧	Е
L	1	0	W	Е	٧	Ι	Α	Т
Т	٧	Е	Ι	0	Α	┙	8	-
٧	W	Т	0	Н	Ι	Α	Ε	L
Ι	Е	L	Α	V	W	Т	Н	0
Α	0	Н	┙	Т	Е	٧	_	W
Н	L	<	Е	W	Т	_	0	Α
Е	Т	1	٧	Α	0	W	L	Н
-								

	۷V	П	А		-	L	U	V			
	L	1	0	W	Е	٧	Η	Α	Т		
	Т	٧	Е	Ι	0	Α	┙	W	_		
	V	W	Т	0	Ι	Ι	Α	Ε	L		
	1	Е	L	Α	٧	W	Т	Н	0		
	Α	0	Τ	┙	Т	Е	٧	_	W		
	Н	L	/	Е	W	Т	_	0	Α		
	Е	Т	1	٧	Α	0	W	L	Н		
	0	Α	W	_	L	Н	Е	Т	٧		
LINCOLN —											



**CryptoQuip** answer

Why does the server at our diner always get ill? I believe it must be something in the waiter.

#### **CryptoQuote** answer

Montesquieu

### I have always observed that to succeed in the world one should appear like a fool but be wise.

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

5) Jericho; 6) 2 (Esau and 3) Thistles; 4) Conquerors; ANSWER: 1) New; 2) Love;

# Americanisms

"In matters of style, swim with the current; in matters of principle, stand like a rock."

— Thomas Jefferson

## Stickeler's Puzzle



What number comes next? **HINT:** Think of powers.

2 5 10 17 26 37 \_?

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Stickeler's Answer on Page 5

## Jimmie L. Johnson, DMD, PSC

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