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With winter temperatures and resulting wind chills, cattle producers need to pay special attention to newborn calves.

University of Kentucky College of Agriculture, Food and Environment ruminant veterinarian Michelle Arnold said extra precautions would go a long way in helping calves survive.

"A calf's body temperature often falls below normal due to a slow birth, followed by a delay in standing and nursing," she said. "That is the immediate concern, and then the next step is maintaining the calf's core temperature."

If possible, producers

## Take Precautions With Newborn Calves

should bring cows into the barn to calve in a heavily bedded, clean pen. If cows must calve outdoors, make sure there is dry, clean ground available without a large amount of manure. If cows do calve outdoors and calves show signs of hypothermia, or there are no natural windbreaks, producers should bring calves in until they are warm and dry.

Signs of hypothermia include shivering and blood shunting. In the early stages of hypothermia, a calf will show vigorous shivering usually accompanied by increased pulse and breathing rate. Cold nostrils and pale, cold hooves are early signs that blood is being shunted away from the body's extremities. Watch for erratic behavior, confusion and a clumsy gait. As hypothermia progresses, shivering stops and muscles become rigid and pulse and respiration slow down. Brain cell metabolism slows and impairs brain function. The calf's level of consciousness deteriorates and signs of life become difficult to detect. The pupils of the eyes will be dilated and fixed, and it may be hard to detect a pulse. The calf may have occasional

gasps of respiration, and that may be the only clue that the calf is still alive. Heart failure may be the actual cause of death.

"The two most important factors in calf survival are warmth and colostrum," Arnold said. "Colostrum is a concentrated source of protein, vitamins, minerals and energy, and it also contains antibodies to diseases or vaccines that the mother cow has been exposed to. Before you give colostrum, you need to make sure to warm the calf because the weak ones may not have enough strength to suckle. Sometimes you may need to deliver colostrum through an esophageal feeder." Dark Karo syrup is a quick source of energy for calves and their bloodstream quickly absorbs it.

UK Extension beef specialist Jeff Lehmkuhler contributed several ways to warm newborn calves: 1) place calves next to floorboard heaters of pickup trucks; 2) submerge wet calves in warm baths and gradually heat the water to 100 degrees Fahrenheit meanwhile supporting the calves' heads to prevent drowning. Continue changing water out to maintain temperature; 3) place calves next to the heater in the house; 4) place calves under heat lamps, but be careful to cover the lamp with a screen so the calf will not get burned as it becomes more active; 5) wrap the calf in warm blankets, but not so hot that they burn the skin, and change the blankets as necessary to maintain warmth; 6) place the calf in a hot box or warming box, but not so hot that they burn the skin, with some type of

venting is necessary to prevent carbon monoxide and moisture. Air movement is important to ensure thorough warming and to prevent hot spots in the warming box; and 7) ask a veterinarian to administer warm IV fluids.

"Once the calf is warm, provide colostrum and maintain body temperature," Arnold said. "If the calf is unwilling to suckle and it's not possible to milk the mother cow, you should consider commercial colostrum-replacement products." Calves need colostrum as soon as possible after the suckle reflex has returned, generally within the first six hours after birth, but ideally within the first hour or two. Once the calf is warm and fed, move it back to its mother.

For more information, contact the Estill County Extension Office at 606-723-4557 or your local Extension Office or veterinarian practice.

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**Birding BITS** BY Cindy Brook

**Fresh Water**  
I know it's cold out there, but birds still need fresh water. Birdbaths don't have to be fancy. Just make sure they're easy to clean and shallow enough so small birds will use them. Many online or local sources carry decifiers or heated birdbaths. The birds will thank you.

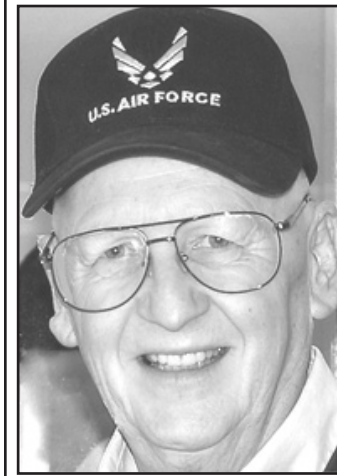
E-mail: birdingbits@ejlrr.com  
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**Songbirds in winter**  
Missing your wild feathered friends? If you make soft, repeated "psh-psh-psh" sounds while standing near trees, this is bird parlance for "a predator is near." Even in winter, some birds may still pop by to investigate, and make a few short "call notes" of their own to help warn of danger. Your best ally in this trick is the black-capped chickadee, often the first to respond (they are known to vary the rate or urgency of their calls to convey the distance or immediacy of the threat).

- Brenda Weaver Source: northernwoodlands.org

## Bob Watkins' Sports In Kentucky

### College hoops halfway; formerly top-ranked Kentucky teams are ordinary



**Bob Watkins**

Kentucky has 15 games left in regular season, same for Western Kentucky. Louisville has 14. Mid-schedule impressions from here ...

**KENTUCKY.** Halfway through their college careers, John Calipari's one-and-domers, in light of preseason hype showered on them, have underachieved. Game performance to match preseason No. 1 ranking? One. Defeated Louisville at Rupp Arena. Michigan State and North Carolina aside, Kentucky played a bevy of light-weights, endured something called Camp Cal and at mid-January UK is still learning to be a team.

**LOUISVILLE.** Preseason, the defending champion Cardinals were a top 5 ranked team. Starter Chane Behanan was sent packing and Cards lost at home to Memphis. And preseason hype as college player of the year status for Russ Smith has evaporated. Cards have underachieved.

**WESTERN KENTUCKY.** Ray Harper's Hilltoppers are still searching for consistency. Good wins over Southern Miss and Murray State, but should have beaten Ole Miss and Georgia State.

**TODD STEWART AS ALEX HAMILTON**  
Kudos to Western Ken-

tucky University's equivalent of Alexander Hamilton handling money with vision and aplomb. Director of athletics Todd Stewart's rent-a-coach strategy with Bob Petrino did these things:

✓ WKU athletics collects \$1.2 million from Petrino.

✓ A home-and-home series. Since Louisville likely will not honor this clause, but will pay a buy-out fee. Stewart will stuff another five-figure check into Hilltopper coffers.

✓ Coach-in-waiting Jeff Brohm comes at half the Petrino (inflated) price, \$600,000 a year through 2019 with a \$1.5 million buyout that decreases each year.

✓ For continuity, the Brohm hiring keeps recruits on board until signing day, February 5.

Only snafu in all this: No Hilltopper fan mentioned that Petrino coached the Hilltoppers to an 8-4 record with Willie Taggart's players.

#### BOB PETRINO

Poster boy for what's wrong with college football. Six-time job jumper, Petrino's behaviors along the way demonstrate a career ruthlessly about himself. Track record says: Former players, colleges and Tom Jurich are, at some point, expendable.

A Sports Illustrated headline: Louisville shows it has no shame in bringing back Bobby Petrino.

"Bobby Petrino is exactly the kind of mercenary (who) further blurs the line between college and professional sports," SI's Stewart Mandel wrote.

And this: "Tom Jurich, who, when Petrino was his head coach 2003-06, watched him openly flirt with multiple NFL and college suitors, then gave him a staggering 10-year con-

tract extension to regain his commitment, only to have Petrino bolt for the Atlanta Falcons six months later."

Jurich's rush to re-hire Petrino last week without so much as forming a search committee, was more about demonstrating his own power and influence at UofL. Still to come, media tossing bouquets to the Ohio River Gambler.

Business is business.

#### FAN REAX TO PETRINO These gems.

✓ Before Bob Petrino jumped his contract with Western Kentucky, a reader wrote: "Bobby Petrino back to Louisville? That would be like Hal Mumme coming back to Kentucky."

✓ "If (Tom) Jurich hires Petrino again, will UofL boosters buy him a new Harley-Davidson motorcycle to go with the other perks?"

"And, how long before Petrino looks for another job? One year? Or, when Florida fires Will Muschamp after next season?"

✓ "When my brother Fred informed me that Charlie Strong was going to Texas, my reply was if Sam Houston had not left Tennessee and gone to Texas, we might be wearing sombreros and watching bull fights. (So) I'm okay with Bobby Petrino."

#### DAKICH AND UK

Dan Dakich needs to change the subject. The former IU player turned ESPN analyst (and a good one) accused John Calipari of being afraid to play the Hoosiers at Assembly Hall in Bloomington. My hunch is Kentucky's coach doesn't want to play at IU because of how Hoosier fans treated Darius Miller after Christian Watford's winning shot in 2010. With no security in place, Miller was virtually trampled as fans swarmed the IU bench area in celebra-

#### NEW RUPP ARENA

Details being discussed for the new Rupp Arena are innovative and exciting. Big Blue VIPs who grumble because UofL has boxes and suites for the privileged "and we don't," must have cringed when a spokesperson for the project told the Lexington Herald-Leader the other day that VIP boxes and luxury suites are less a hot item these days. "They (VIPs) want to sit with everyone else and still be part of the bowl experience," Jay Issacs said.

#### UK RECRUITING

For most of three Carlton Bragg, a 6-9 junior at Villa Angela St. Joseph in Ohio, used media to lobby Kentucky for a scholarship offer. He got it last week. Bragg's reaction was like a kid collecting offers like baseball cards. "Finally got that Kentucky offer," he tweeted.

#### WORTH REPEATING DEPT.

From a WKU fan, "I'm reading a good book on the Summer of 1927 by Bill Bryson. Was a big year - (Charles) Lindbergh; and Babe Ruth hit 60 (homeruns). ... Fascinating little factoid about the Yankees. At one time they were known as the Hilltoppers." Comment: 1903-1912, the New York baseball team played at Hilltop Park.

Newspaper editors wanted a shorter name for headlines. When the franchise moved to the Polo Grounds in 1913, it officially changed to New York Yankees.

#### PARTING SHOT

Poor beleaguered Alex Rodriguez. Going to be a long road to redemption, but one day a sports media guy will get a tear in his eye then tender an adjective-rich piece to his editor extolling the virtue of a changed man, Bobby Petrino. Oops, I mean Alex Rodriguez.

## Wishing Well®

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

CPX UWQJD WL VGCBRVWQS

GBX ERYX GQS WCPXB

UWQJD - CPXS VGCZBX

DEWHES. - FXCXB

JX NBRXD

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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: A equals T

AQS BHP YNTSYENO, YSSMROP

AG ENMS AQS EGYA GD TRDS'Y

GFFGBAHORARSY, VBRSC

"VNBFS A CRSE!"

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## Puzzle Answers

January 15, 2014

### Puzzles4Kids

Answer

PAIRED	I	DRAPE
SCRAPE	C	PEARS
SECURE	E	CURSE
THREAT	T	EARTH
BROWSE	O	BREWS
MASCOT	M	COATS
MALICE	E	CLAIM
TENSED	E	DENTS
STREET	T	RESET
FROSTY	Y	FORTS
SOURCE	O	CURSE
UNWISE	U	SWINE

### FEAR & KNIGHT

answer

C	I	V	E	T		
U	O	A				
R	A	G	L	A	R	E
L	A	I				
M	E	R	G	E	O	
O	R	O				
T	O	Y	I	N	G	
E						

### Even Exchange

- answers
- Cargo, Fargo
  - Leash, Least
  - Ballet, Wallet
  - Excel, Expel
  - Pocket, Picket
  - Flint, Faint
  - Athens, Athena
  - Bully, Burly
  - Creek, Creed
  - Logger, Lodger

### Weekly SUDOKU

Answer

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

### King Crossword

Answers  
Solution time: 24 mins.

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

### CryptoQuote

answer  
The bonds of matrimony are like any other bonds - they mature slowly. - Peter De Vries

### CryptoQuip

answer  
The rug salesman, seeking to make the most of life's opportunities, cried "Carpet diem!"

### Bible Trivia Answers

Casey's trivia book "Know It? ... or Not?" is available from BearManorMedia.com

ANSWERS: (1) Old; (2) En-Gedi; (3) 23rd; (4) Sarai; (5) 600; (6) Miriam