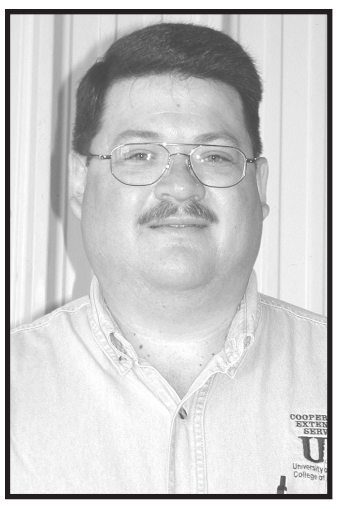
New Antibiotic Guidelines For Livestock



Eric Baker
Estill County Extension Agent for Agriculture & Natural Resources

Appropriate use of antibiotic medications can keep animals healthy, control the spread of disease, help animals gain weight, and also prevent diseases that could spread to humans. Recent concerns that the overuse or misuse of antibiotics could lead to an increase in antibiotic resistance have prompted the U.S. Food and Drug Administration to implement a new strategy that will impact Kentucky livestock producers.

"The FDA's new strategy aims to encourage the judicious use of antibiotics in food-producing animals," said Michelle Arnold, extension veterinarian for the University of Kentucky College of Agriculture, Food and Environment. "Judicious use means using a drug appropriately and only when necessary."

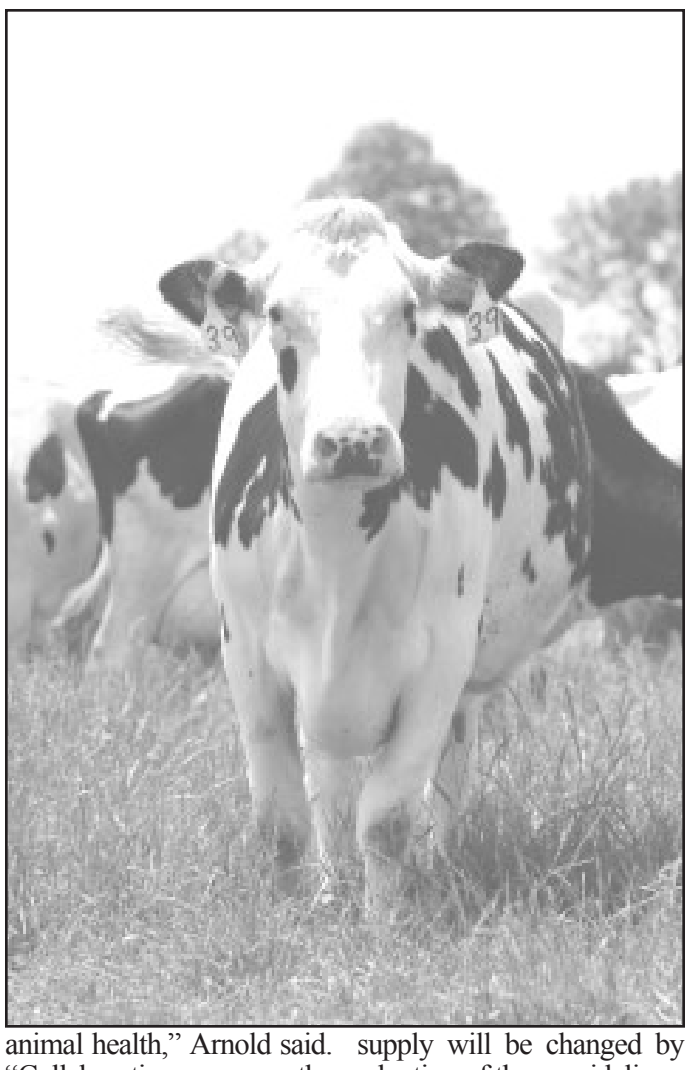
Arnold said that misuse and overuse of antimicrobial drugs allows resistant bacteria, the hard-to-kill "bad bugs," to increase in numbers faster than susceptible bacteria, the easy-to-kill bugs, and can transfer through the food chain to humans.

"This increases the opportunity for people to become infected by resistant (bad bug) bacteria," she said. "The FDA's goal is to protect public health, slow the development of drug resistance and help reduce the number of infections in humans that are difficult to treat."

The FDA has identified certain antibiotics that will require veterinary oversight. They are also going to help drug companies voluntarily change product labels to remove feed efficiency and growth promotion claims and rather emphasize disease prevention, control and treatment. They also provided information for companies on how to change their marketing materials to include veterinary oversight or supervision. Another area the FDA will focus on is simplifying the process to obtain a Veterinary Feed Directive drug—those intended for use in animal feed which are under the professional supervision of a licensed veterinarian.

The biggest change Kentucky livestock producers will face is having their veterinarian oversee their use of some antibiotics. "Based on the available scientific evidence, the FDA believes the use of medically important antimicrobial drugs should involve the scientific and clinical training of a licensed veterinarian," Arnold said. "Veterinarians are uniquely qualified to determine which specific disease-causing organisms are likely to be present and to determine appropriately timed administration of medication relative to the disease."

Medications included in the call for veterinary oversight are listed at http://www.fda.gov/downloads/AnimalVeterinary/GuidanceComplianceEnforcement/GuidanceforIndustry/UCM052519.pdf . "Developing strategies for reducing antimicrobial resistance is critically important for protecting both public and animal health," Arnold said. "Collaboration among the public, public health, animal health and animal agriculture communities is needed to assure that public health is protected while also assuring that such strategies are economically feasible to the producer and that the health needs of animals are addressed."



Arnold emphasized importance of remembering the benefits of using antibiotics in food animal production and the adverse effects that would result from their removal.

"Although the convenience of buying feed-grade antimicrobials at a local farm supply will be changed by adoption of these guidelines, it is important that correct and medically sound advice accompany these purchases," she said. "Unfortunately, not all employees of stores that sell health supplies (including online pharmacies) are adequately trained to give correct advice and may be unfamiliar with the potential harm if label directions are not carefully followed."

For more information, contact the Estill County Extension Office at 723-4557.

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Wishing Well®

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

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.

BKVUV WUV SL

CSFSBVUVABFSY BKFSYA,

LSRX CSFSBVUVABFSY

ZVLZRV. - Y.I. DKVABVUBLS

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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: **T** equals **U**

NH DHT CYUPM PHCRVIZQ IUMZ

FRPNRII, VZPPZCC RPN VIRUF

QYHTIN VZ IUMZID CH BUP

CHPD RBRFNQ?

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Agriculture Events

Tuesdays, 3-7, and Senior Day, 2nd Tuesday, 10-2

Estill County Farmers' Market

The Estill County Farmers' Market is now open on Tuesdays from 3 p.m. to 7 p.m. On the second Tuesday of each month market hours are 10 a.m. to 2 p.m. This is Senior Day, but it is not limited to seniors; all are welcome. The market is also open on Fridays from 8 a.m. to 1 p.m. The market could close sooner if vendors sell out, so customers are advised to come early for best selection.

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Terry Barnes Owner/Operator
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FARM SERVICE AGENCY
AGRICULTURE NEWS
Richmond FSA Service Center
1024 Ival James Blvd., Ste A-2
Call 888-758-6909

Producers Late Reporting Fees Waived

FSA reminds producers that after July 15th, crop reporting will be considered late file; however, the late file fee will be waived for the 2013 crop year for crops reported July 15, through September 15. Producers are reminded that September 16 is the final signature date for signing the DCP Contract (grain bases), an extension of the August 2 date.

Prevented Planting or Failed Acreage

To report prevented or failed acreage, producers must complete Form CCC-576, Notice of Loss for applicable crops. Reporting prevented or failed acreage to FSA will ensure compliance with current farm programs, and possible eligibility for future disaster programs. If producer misses the reporting deadline for prevented planting, they may still report prevented planting acreage as long as the disaster condition may be verified by a field visit and a late filing fee is paid.

2014 Reporting

Reporting forage crops and pastures is also required. For 2014, perennial forage, fall wheat, and other fall seeded small grains will have a December 15, 2013 reporting date.

For questions regarding crop certification and crop loss reports, please contact the FSA office at: 859-624-1980 or Toll Free 1-888-758-6909

Stickeler's Answer

Stickelers Answer

1. The word is cleave.
2. A word with six consonants in a row is "latchstring."
3. Switching letters is called a spoonerism.

Puzzle Answers
August 28, 2013

Puzzles4Kids
Answer

INGRID	I	GRIND
SCREEN	C	SNEER
DECODE	E	CODED
TABLES	B	STALE
SEWING	E	SWING
BEARDS	R	BEADS
GATHER	G	HEART
STALLS	L	LASTS
BEACON	E	BACON
INLETS	T	LINES
PASTER	T	SPEAR
SUBLET	U	BELTS
CLUMPS	C	PLUMS
SEALED	E	LEADS

FEAR KNOT answer

		I	N	S	E	C	T					
		C		I		A						
D	Y	N	E			N	O	S				
			G	U	T			T				
	A	G	E	S				Y				
				A	T	I	L	T				
				B				E				
			B	L	E	N	D					
				E								

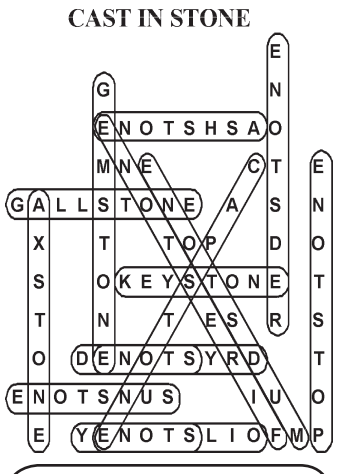
Letter Box
Solution

N	D	E	C	K	U	P	O	A
U	P	K	O	A	D	C	E	N
O	C	A	E	N	P	D	U	K
K	A	O	D	P	E	N	C	U
E	N	D	U	C	A	K	P	O
C	U	P	K	O	N	E	A	D
P	O	U	N	D	C	A	K	E
A	E	N	P	U	K	O	D	C
D	K	C	A	E	O	U	N	P

Even Exchange
answers

1. Packer, Packet
2. Model, Motel
3. Apron, Akron
4. Scroll, Stroll
5. Genre, Genie
6. Liston, Lisbon
7. Snoop, Scoop
8. Orate, Irate
9. Salty, Sally
10. Notion, Potion

CAST IN STONE



Weekly SUDOKU
Answer

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

CryptoQuip
answer

Do you think notables like Randall, Bennett and Blair should be likely to win Tony Awards?

CryptoQuote
answer

There are no uninteresting things, only uninteresting people. - G.K. Chesterton

King Crossword
Answers

Solution time: 25 mins.

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

Bible Trivia Answers

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

ANSWERS: 1) Neither; 2) Ephesians 4:5; 3) Amalek; 4) David; 5) Pegamites; 6) Cain