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Humans aren't the only ones that suffer from the heat of summer. Farm animals feel the heat, too. With summer temperatures already upon us, it's time to think about ways to know when your livestock may be in danger from the heat and what to do to reduce their plight.

The University of Kentucky Agricultural Weather Center provides warnings of the potential danger to livestock. Livestock become uncomfortable when the heat index reaches about 90 degrees. The heat index is a combination of air temperature and humidity and is used to describe how it feels outside.

The Agricultural Weather Center regularly monitors heat indices across the state and provides an index of its own – the Livestock Heat Stress Index – to help producers know when heat stress could create a problem for their animals. The county-by-county index indicates three levels of heat stress: no stress, danger stress and emergency stress.

Periods of heat stress call for livestock producers to be vigilant in making sure their animals are adequately prepared. One of the most important things producers can do is provide cool, clean

Help Livestock Beat The Heat

drinking water. Providing an adequate source of drinking water helps to keep animals' internal body temperatures within normal limits. Above-ground water lines need to be shaded so they do not can act as solar water heaters and make the water too hot to drink.

It is also important for animals to have shade and for buildings to be as open as possible for adequate ventilation. Sprinkler systems that periodically spray a cool mist on the animals can also be beneficial.

It is best to avoid working animals during periods of heat stress. Producers should also avoid transporting livestock during high levels of heat stress. When livestock must be transported, haul fewer animals per load. Planning trips so the animals can be loaded immediately before leaving and unloaded quickly upon arrival can likewise help minimize the risk.

Producers who want to keep up-to-date with the Livestock Heat Stress Index can access it by typing in your zip code in the left



Treasured Tray
Two new birds that have visited my tray feeder are the great crested flycatcher and a brown thrasher. The thrasher is here quite often. The coolest sighting so far was a family of grackles that gathered around the tray to feed their babies. It was heart-warming.

E-mail: birdingbits@cflr.com
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column on the Agricultural Weather Center's website <http://weather.uky.edu> or go to the Estill County Cooperative Extension Service's website <http://estill.ca.uky.edu> and click on the weather link and then scroll down the page to the last row in the table.

For more information, contact the Estill County Ex-

tension office at 723-4557. Educational programs of the Kentucky Cooperative Extension Service serve all people regardless of race, color, age, sex, religion, disability or national origin.

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Agriculture Events

Tuesday, July 30th @ 7:00 p.m.

Fall Gardening Seminar

If you would like to learn more about fall vegetable gardening, you will enjoy our Fall Gardening Seminar on Tuesday, July 30th, 7:00 p.m., at the Estill County Extension Office, 76 Golden Court (off Stacy Lane), in Irvine. University of Kentucky Extension Horticulturalist Rick Durham will be our guest speaker. He will discuss planning, planting, growing, and all aspects of fall gardening.

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.

Wednesday, September 18th, 8-5

Kentucky Controlled Burn Workshop

The Kentucky Prescribed Fire Council will be offering a one-day Controlled Burn Workshop designed to provide attendees with the necessary knowledge to conduct controlled burns on their lands on Wednesday, September 18, 2013, 8-5, at the Wendell H. Ford Regional Training Center in Greenville. Targeted audience are those interested in using controlled burning as a management tool for wildlife habitat, mid-contact management, and other resource benefit. If you are considering the use of controlled burning as a management tool on your property, you should plan to attend. The workshop fee including lunch is \$20 (Dinner, overnight lodging and breakfast is an additional \$30.)

The purpose of the workshop is for you to gain, from experienced instructors, the basic knowledge on how to safely, legally, and effectively, implement a controlled burn. For additional information and to register visit our website at www.kyfire.org or contact Chris Minor atcminor@tnc.org. Registration deadline is August 20th.

Wishing Well®

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

BU ZBHNPYOU ROC CV XO

ZVLO BYM ZVLO IPDO

ZOY, ZOY GPII HVZO CV

XO ZVLO IPDO ZBHNPYOU.

- KVUOJN GVVM DLFCHN

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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: M equals H

HXU TYRS YH UMYDM VUA

OXZRRW EAAO SXH DAHQVZHVRW

OPH ZTVXO XZDM AVMXO:

"VMX EZPEXO DMZQX."

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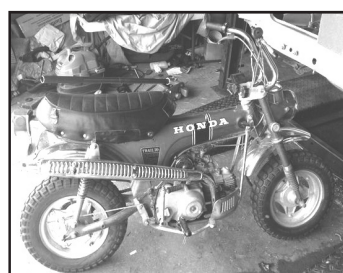
PUBLIC AUCTION

650 Staton Road, Irvine, KY

Saturday, July 27th • 10:00 AM

We have been authorized by Clint and Marilyn Staton to sell at auction the following partial list of items. Mr. and Mrs. Staton are downsizing and wish to dispose of these items quickly.

DISPERSAL SALE OF: Tools, equipment, Coats 40-40SA tire changer, Bolens mower, roto-tiller, snow blade, deck mower, 9N Ford tractor, Honda 70 motorcycle, 1000 gallon potable water tank, 300 gallon water tank, 21,000 lb. dual axle dovetail trailer with brand new axles and hitch, box type sand blaster, chain saws, weed eaters, jig saw, band saw, hand tools, mechanics tools, numerous large and small trailers, 1964 Chevy El Camino restoration project plus 1980 El Camino with good running engine for parts, heavy duty engine hoist with hydraulic over electric lift capable of lifting a large diesel engine and transmission, electrical and plumbing supplies, angle and channel steel, iron pipe, chains, chain booms, backhoe boom, dollies, air tank, carpenter supplies/tools, welding table, air hoses, engine stands, 40" hydraulic cylinder, 1979 GMC truck with 12 compartment aluminum beer/soda bed and good running motor, ditch witch for parts-good motor and chain, vintage aluminum Coke tray, wood thread spools, 2 vintage depression era tables, metal cabinet, antique harrows, vintage chairs, single-trees, vintage surveyor poles and stands, vintage electrical insulators, folding chairs, air rifles, 17' Ovachita aluminum canoe, 220 window AC, 17 HP electric start, side-shaft engine, Reddy heaters, heavy duty trailer hitches, pumps, electric over hydraulic pump, trailer axles, buckets of bolts and nails, heavy duty wheel dolly, truck tool box, extension cords, gas nozzle, table saw, 1950 Ford transmission with overdrive, 350 4-bolt main Chevy engine, cement mixer, Bobcat 12" bucket, new 30' metal light pole, hydraulic snow blade for pickup, Budweiser Clydesdale light, hydraulic and railroad jacks, fireproof file safe, many, many more items to numerous to list.



Go to www.AuctionZip.Com for pictures and more information

TERMS: Purchaser must pay in full (100%) of the gross sales price in cash, certified funds, or other such funds as are acceptable to agent immediately following the auction sale. Items must be removed from the grounds the day of sale unless prior arrangements are made with the Auctioneer. Announcements day of sale take precedence over any prior oral or written matter. All items sold as-is, where-is.

DIRECTIONS: From Highway 52 West (Richmond Road) in Estill County, take Reges Road approximately 3 miles to the end, turn right onto Dug Hill Road, follow 1.9 miles, left onto Crooked Creek Road, 3/10 mile turn right onto Staton Road. Follow to end. **Watch for signs.**

Food and refreshments will be available!

Willis Estes Realty & Auction, Inc.

Willis Estes - Principal Broker & Auctioneer

1480 White Oak Road, Irvine, KY 40336

606-723-6925 • Willis@WillisEstes.Com



Puzzle Answers

July 24, 2013

Puzzles4Kids

Answer

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

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

FEAR & KNIGHT

answer

	K											
A	W	N				W						
V		E				O						
O	V	E	R	D	O							
I		E				D	A	M				
D	I	E	M									
						N	A	T	I	O	N	
W	H	I	S	K							C	
						E					E	

Even Exchange

answers

- Raven, Ravel
- Patsy, Pansy
- Summer, Simmer
- Waiter, Whiter
- Chill, Chill
- Alter, Altar
- Sandal, Vandal
- Round, Found
- Brine, Bride
- Gaggle, Giggle

Weekly SUDOKU

Answer

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

King Crossword

Answers

Solution time: 21 mins.

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

Bible Trivia Answers

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

Body: 6) Wrath
Amalek: 4) Eli: 5)
Old: 2) Dove: 3)
ANSWERS: 1)