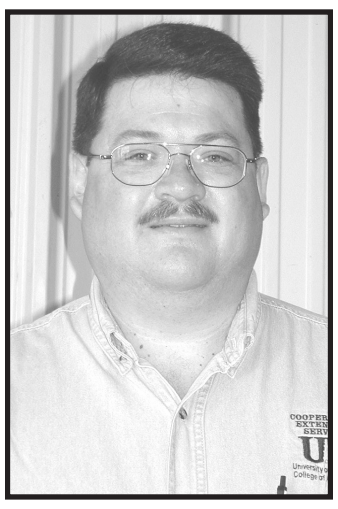
Help Livestock Beat The Heat



Eric Baker
Estill County Extension Agent for Agriculture & Natural Resources

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 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 column on the Agricultural Weather Center's website http://wwwagwx.ca.uky.edu/ or go to the Estill County Cooperative Extension Service's website http://estill.ca.uky.edu/ and click on the county weather link, click on Agriculture Weather Outlook, and then scroll down to UKAWC Point Agricultural, Lawn & Garden Forecast/Outlook for the livestock stress information.

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

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Wishing Well®

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

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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Stickeler's Puzzle

STICKELERS [sic].
by Terry Stickels

Below are five names that fit into the same category.
1. Vardar 2. Simoom
3. Santa Ana 4. Williwaw 5. Levanter

These are types of:
a. grasses
b. winds
c. ocean currents
d. clouds
e. maps

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Stickeler's Answer on Page 11

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: **P** equals **O**

EWO BXOOMD EKFSYVB LEKXFYVB,

VPE SOOV PV LWKXYVB K

TPXLOF PQ QPPM, DOFFOM

"TDVK! KFF TDVK!"

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CryptoQuip puzzles $3.50 • 24 Volumes • Order at: rbmamall.com

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.

JQI HIA OQC LKGGIIV YILJ XA

BKYDXG DXUI MWI JQCLI OQC

JMEI JQI WXLE CU LJMAVXAR

YT JQIXW COA GCAPXGJXCAL.

— FMHIL M. RMWUXIDV

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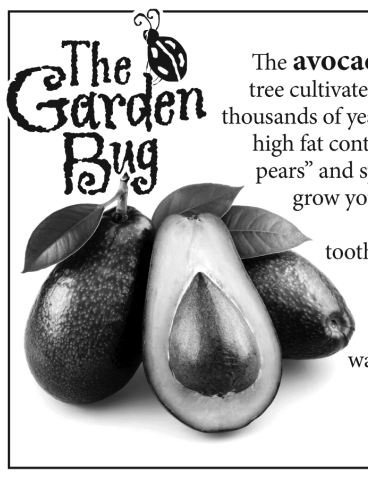
The Garden Bug



The **avocado** is the pear-shaped fruit of a tree cultivated in Central America for many thousands of years. Its silky texture is due to its high fat content. Sailors called them "butter pears" and spread the soft flesh on food. To grow your own, take the seed from one avocado, wash it, and use three toothpicks to suspend it, broad-end down, over a glass of water, with half of the seed resting in the water. Put the glass in a warm place out of direct sunlight and replenish water as needed.

- Brenda Weaver

Source: about.com, californiaavocado.com

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Ham Steak. . . . . $3.50/Lb.
Ham Cutlets . . . . . $3.50/Lb.
(Similar to cube steak, only ham)
Bacon. . . . . $4.25/Lb.
Jowl Bacon . . . . . $3.50/Lb.
Pork Tenderloin . . . . . $4.50/Lb.
Pork Chops . . . . . $4.00/Lb.
Spare Ribs. . . . . $3.50/Lb.
Country Style Ribs . . . . . $3.50/Lb.
Baby Back Pork Ribs . . . $3.50/Lb.
Pork Burgers. . . . . $4.00/Lb.
(Ground, pattied pork with no seasoning)
Bratwursts . . . . . $4.00/Lb.
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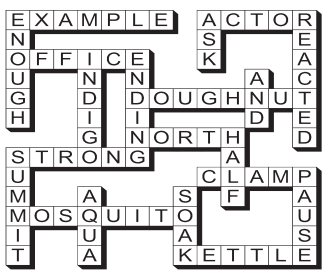
Puzzle Answers

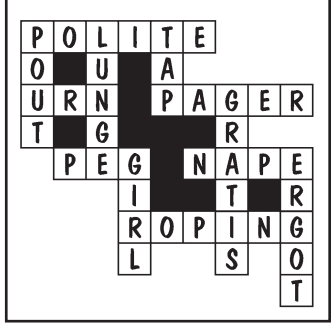
June 15, 2016

Puzzles4Kids

Answer



FEAR KNOT answer



Letter Box

Solution

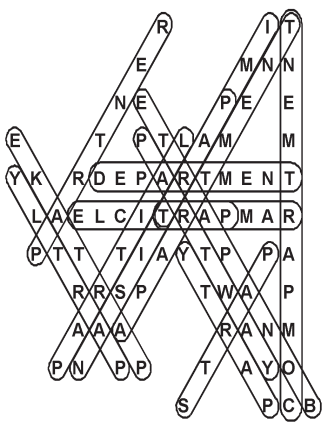
D	U	P	L	I	C	A	T	E
L	E	T	P	U	A	I	C	D
I	A	C	D	T	E	P	L	U
E	L	D	I	P	T	U	A	C
T	C	A	E	D	U	L	P	I
U	P	I	A	C	L	E	D	T
A	I	U	T	L	D	C	E	P
C	T	L	U	E	P	D	I	A
P	D	E	C	A	I	T	U	L

Even Exchange

answers

1. Stitch, Switch
2. Child, Chill
3. Potion, Notion
4. Broom, Brook
5. Hatter, Halter
6. Cluck, Chuck
7. Flake, Flare
8. Warden, Warren
9. Snoop, Sloop
10. Choir, Chair

PARTED WORDS



Weekly SUDOKU

Answer

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

CryptoQuip

answer

The greedy talking starling, not keen on sharing a morsel of food, yelled "Myna! All myna!"

CryptoQuote

answer

The men who succeed best in public life are those who take the risk of standing by their own convictions.
— James A. Garfield

King Crossword

Answers

Solution time: 24 mins.

■	N	O	E	L	S	■	A	P	O	G	E	E
V	I	O	L	E	T	■	M	O	R	R	I	S
A	C	H	I	E	R	■	A	L	T	A	R	S
T	E	S	T	■	A	S	H	Y	■	T	E	E
■	■	■	E	R	I	C	■	P	R	E	■	■
G	A	S	■	A	G	R	A	■	A	F	A	R
U	P	T	O	T	H	E	M	I	N	U	T	E
T	E	E	N	■	T	E	E	M	■	L	E	X
■	■	■	P	E	A	■	D	R	A	G	■	■
A	G	O	■	D	E	S	I	■	E	M	U	S
C	A	N	A	D	A	■	C	R	E	A	S	E
E	Z	I	N	E	S	■	A	U	K	L	E	T
R	E	T	I	R	E	■	N	E	S	T	S	■

Bible Trivia Answers

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

ANSWERS: (1) Neither; 2) Matthew; 3) Cornelius; 4) Sadducees; 5) Solomon; 6)