



Eric Baker
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Increased incidence of tetany at this time. The magnesium requirement of cows doubles from late gestation to early lactation (from 9 grams to 21 to 22 grams). When this rapid change in magnesium needed by the cow is coupled with lowered magnesium in the plant, along with certain components that lower the availability of magnesium (such as high applications of nitrogen and potassium fertilizers), tetany can develop. Weather can also have an effect; the greatest threat is when temperatures are between 40oF and 60oF. Temperatures in excess of 60oF for a week markedly decrease the incidence of tetany. When all of these factors are combined, the risk can be high.

Cattle affected with grass tetany might isolate themselves from the herd and stagger. As the disease progresses, they may exhibit extreme nervousness, rapid breathing, and muscle trembling. They might become aggressive and charge anyone in the pasture. In the most severe stage, the animal collapses to the ground with muscular spasms. Treatment must be given

Preventing Grass Tetany In Cattle

rapidly as death can occur within an hour after the onset of convulsions. Consult a veterinarian about treatment procedures. As a producer, you should be concerned with preventing tetany. About 2 ounces of magnesium oxide (22 grams of magnesium) is recommended to meet the magnesium needs of lactating beef cows. Since legumes are higher in magnesium than grasses, feeding cows legume hay during the early spring may supply some magnesium. Cows grazing spring grass pasture should have magnesium in the mineral mixture; in "high risk" situations, it may be supplied in a supplement. Many commercial mixtures are available in various forms to prevent tetany. Before you make a purchase, determine if the product will give adequate magnesium intake. This depends on the magnesium content and the expected consumption of the product. Both should be listed on the tag. If it appears that magnesium intake will not be adequate, a product with more magnesium or greater intake should be used. In "high risk" situations where tetany is a frequent problem, it might be necessary to force feed the daily magnesium needs. Magnesium oxide can be included in a grain or protein supplement.

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

Educational programs of the Cooperative Extension Service serve all people regardless of race, color, sex, religion, disability or national origin.

Wishing Well®

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

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.

VJFFEQ ZV EGSNFSZFSDHT
HGEBDFP AZPMBT RFDMFSS
DQGLWQD BSP BEDZGS,
MQKFK ZD GXDFS
VLRVDZDLDFV XGK RGDQ.
— YGQS BSPKFM QGHAFV

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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: H equals T

HON EOBL RN EHWHN OWE MNDJ
DNKNVHGJ WUBQHNU W VNL
HBSDXER EGBTWV: "RXEEBSDX
GBMNE KBRQVWJ."

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Estill Farmer Re-Enrolls In Program To Make Genetic Improvements In Herd Productivity

Jason E Crowe, Irvine, Kentucky, recently re-enrolled in the American Angus Association's MaternalPlus program as a commitment to making genetic improvements in lifetime cow herd productivity. Breeders participating in MaternalPlus are keenly focused to better evaluate herd reproductive performance, the number one profit driver in the cow-calf industry.

MaternalPlus is a voluntary, inventory-based reporting system that collects additional reproductive trait data to provide Angus breeders and their customers the information they need to make effective selection decisions. To date, more than 60 breeders have completed MaternalPlus enrollment.

The program allows producers to capture cow herd and reproductive performance data; gain faster access to preweaning EPDs as a selection tool; characterize females through heifer pregnancy EPDs tied directly to herd genetics; expand new trait development for Angus reproductive and longevity

measures; and streamline their ability to track heifer and cow reproductive records through AAA Login.

In addition, MaternalPlus lays the groundwork for selection tools related to cow longevity in the herd. Gathering these records will allow the Association to cultivate research related to cow herd productivity and make improvements similar to what the Angus breed has witnessed in other economically relevant traits.

For more information on MaternalPlus, visit the Association website or access AAA Login.

The American Angus Association serves nearly 30,000 members across the United States and Canada. It provides programs and services to farmers, ranchers and others who rely on the power of Angus to produce quality genetics for the beef industry and quality beef for consumers.

For more information about Angus cattle and the American Angus Association's programs and services, visit www.angus.org.



Oregano

BY BRENDA WEAVER

This popular herb contains potent antioxidants that can prevent damage to cell structures throughout the human body. In laboratory studies, oregano has demonstrated 42 times more antioxidant activity than apples, 30 times more than potatoes, 12 times more than oranges and 4 times more than blueberries. It's also an excellent source of vitamin K, manganese, iron and calcium.

Source: www.whfoods.com

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Farm News

Monday, April 20th @ 6:30pm

Estill Extension Gardening Seminar

There will be a Gardening Seminar on Monday, April 20th, 6:30 p.m. at the Estill County Extension Service, 76 Golden Court (off Stacy Lane) in Irvine. Guest speaker is UK consumer horticulture specialist Rick Durham and he will discuss growing tomatoes, beans, and sweet corn in the home garden. A light meal will be served. Please pre-register on or before April 17th by calling 723-4557.

Available Now

Soil Test, Don't Guess

Farmers, gardeners, and homeowners should consider soil testing to determine what nutrients are in their soils and what nutrients are lacking that must be added for proper growth of crops, pasture, vegetables, ornamentals, or lawns. Soil testing is a special chemical analysis that provides a guideline for lime and fertilizer needs of soils. Soil testing service is available to every Kentucky citizen through the University of Kentucky Agricultural Experiment Station and the Cooperative Extension Service. We have soil sample bags and soil probes we can loan.

At this time, Estill County farmers can soil test through our office for FREE thanks to funding by the Estill County Extension District Board.

For more information, visit or contact the Estill County Extension Service at 723-4557.

Conservation District Rental Equipment

The Estill County Conservation District has the following equipment for rent at reasonable rates: Post Driver (\$25 per day), No-Till Drills for seeding (\$4-\$5 per acre), Lime Buggy (\$30 per day), Wood Chipper (\$30 per day) and Log Splitter (\$25 per day). This equipment was purchased for shared-use and is available to all citizens in Estill County. Out of county rental rates are also available. Not to be used for commercial purposes. For more information please contact the Conservation District at 723-5104 or find us on Facebook at: www.facebook.com/ECCDKY.

Stickeler's Puzzle



Here's a "trickledown" puzzle. The rules are simple; you merely change one letter on each line to make a new word and continue until you reach the final word.

FOLD

BARE

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BROWN FARM MEATS

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Call for pickup or delivery! We sell any size quantities!

- Products
- Boston Butt Pork Roast . \$3⁵⁰/Lb. (Great for Pulled Pork)
- Sausage . \$3⁵⁰/Lb. (Hot, Medium or Mild)
- Whole Cured Ham \$3⁵⁰/Lb. (Sliced is \$4.00 per Lb.)
- Ham Steak \$3⁵⁰/Lb.
- Ham Cutlets \$3⁵⁰/Lb. (Similar to cube steak, only ham)
- Bacon \$4²⁵/Lb.
- Jowl Bacon \$3⁵⁰/Lb.
- Pork Tenderloin \$4⁵⁰/Lb.
- Pork Chops \$4⁰⁰/Lb.
- Spare Ribs \$3⁵⁰/Lb.
- Country Style Ribs \$3⁵⁰/Lb.
- Baby Back Pork Ribs \$3⁵⁰/Lb.
- Pork Burgers \$4⁰⁰/Lb. (Ground, pattied with no seasoning)
- Bratwürsts \$4⁰⁰/Lb.
- Bundle Packages
- 1/4 Processed Hog \$115⁰⁰
- 1/2 Processed Hog \$210⁰⁰
- Whole Processed Hog . . \$440⁰⁰

Puzzle Answers

April 8, 2015

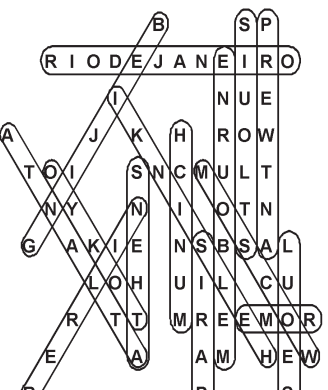
Puzzles4Kids Answer

- ESCORT T SCORE
- GATHER H GRATE
- SEALED E BEADS
- DELAYS Y DEALS
- PASTEL A SLEPT
- BUSTER R TUBES
- LATELY E TALLY
- STEERS S TREES
- TORQUE O ROUTE
- SPOUSE U POSSE
- WARDEN E DRAWN
- DASHER A SHRED
- GALLON L ALONG
- SEANCE E CANES
- TRADER R TREAD
- TASSEL S SLATE

Letter Box Solution

T	I	O	W	N	H	D	U	S
U	W	H	I	D	S	T	O	N
D	S	N	O	T	U	W	H	I
S	O	U	T	H	W	I	N	D
W	D	T	N	O	I	U	S	H
H	N	I	S	U	D	O	W	T
O	T	S	D	W	N	H	I	U
I	U	W	H	S	T	N	D	O
N	H	D	U	I	O	S	T	W

SUMMER OLYMPICS HOST CITIES



CryptoQuip answer

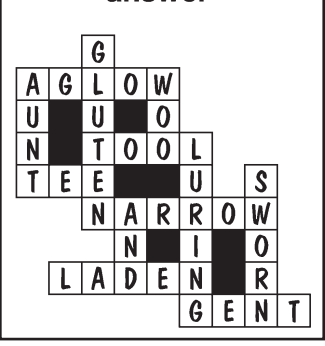
The Show Me State has very recently adopted a new tourism slogan: "Missouri loves company."

CryptoQuote answer

Speech is conveniently located midway between thought and action, where it often substitutes for both.

— JOHN ANDREW HOLMES

FEAR & KNIGHT answer



Even Exchange answers

- Round, Found
- Teller, Taller
- Cheer, Cheek
- Greet, Great
- Scrimp, Shrimp
- Cloak, Croak
- Austin, Justin
- Match, March
- Odder, Older
- Staple, Stable

Weekly SUDOKU Answer

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

King Crossword Answer

Solution time: 25 mins.

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

Bible Trivia Answers

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

One; (5) Sinal; (6) Eil
Succoth; (3) Rested; (4)
ANSWERS (1) New; (2)