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Cold stress on livestock and pets

el, should eat between 1.5 and 2 percent of its body weight in feed per day to maintain its weight. UK equine specialist Bob Coleman said that feed requirement goes up in the winter, as horses use more calories to keep warm. He recommends providing extra hay and making sure horses have shelter to get out of windy, damp weather. It's also important for horses to have access to clean, unfrozen water. Make sure water sources are open for all livestock and pets. A decrease in water intake will affect feed intake.

Ambient temperatures can impact the amount of dry matter cattle eat, providing an opportunity to compensate for increased maintenance energy needs. Producers either need to increase their animals' feed intake or increase the energy density of the diet by feeding higher quality hay or adding more grain or fat to the grain mix, UK beef specialist Jeff Lehmkuhler said.

Lehmkuhler recommended that producers continue to monitor

cows during the winter-time and make sure to maintain the animals' body condition. "Poor quality hay may not provide adequate energy to maintain gestating cows that are entering the third trimester," he said. "Consider having the hay tested to determine if you need to supplement during times of possible cold stress, especially for the enduring cold spells." He said to consider separating younger and thinner cows that may not have the same internal insulation as conditioned older cows and supplement them accordingly or offer them higher quality forage if available. Coleman said equine owners can employ similar strategies and separate animals according to body condition score.

"Producers should move cows to fields with natural windbreaks or provide man-made windbreaks, which are not the same as a barn," Lehmkuhler suggested. "Poorly managed barns combined with poor ventilation may actually hamper efforts to improve the environmental conditions. Lastly,

remember it is energy or calories that are really needed. If the protein level in the forage is adequate, do not make supplement decisions based on protein level; rather purchase the most affordable calories. Stay warm and keep the waterers flowing."

For more information, contact the Estill County Extension office at 723-4557 or one of our local veterinarians.

Berry Plants, and More

The Estill County Extension Service will once again take orders for strawberry, blackberry, blueberry, raspberry, asparagus, and Candy onion plants. We order with a large group of counties so the plant cost is lower than individuals ordering on their own. Orders will arrive in early April. If you are interested or have questions, contact our office at 723-4557. Orders must be made and pre-paid by March 19th.

Educational programs of the Cooperative Extension Service serve all people regardless of economic or social status and will not discriminate on the basis of race, color, ethnic origin, national origin, creed, religion, political belief, sex, sexual orientation, gender identity, gender expressions, pregnancy, marital status, genetic information, age, veteran status, or physical or mental disability.

Wishing Well®

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | 2 | 5 | 2 | 5 | 4 | 3 | 7 | 2 | 4 | 3 | 4 | 8 |
| A | D | N | O | A | D | T | T | N | A | I | R | O |
| 5 | 2 | 5 | 4 | 6 | 3 | 7 | 5 | 6 | 4 | 6 | 8 | 2 |
| L | O | Y | E | G | M | I | Z | O | T | O | T | T |
| 4 | 3 | 4 | 7 | 4 | 6 | 5 | 3 | 4 | 2 | 6 | 7 | 2 |
| O | E | B | M | E | D | E | T | B | G | J | E | I |
| 7 | 6 | 7 | 2 | 7 | 8 | 3 | 5 | 6 | 8 | 2 | 6 | 5 |
| F | U | O | V | R | H | O | T | D | E | E | G | H |
| 7 | 8 | 3 | 5 | 2 | 7 | 3 | 2 | 5 | 8 | 6 | 3 | 6 |
| Y | R | C | O | U | O | H | P | U | S | M | A | E |
| 4 | 6 | 8 | 5 | 7 | 3 | 7 | 8 | 4 | 5 | 3 | 4 | 8 |
| R | N | H | G | U | N | R | E | A | H | G | V | L |
| 4 | 3 | 6 | 8 | 7 | 8 | 5 | 7 | 8 | 5 | 7 | 8 | 7 |
| E | E | T | P | S | Y | T | E | O | S | L | U | 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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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: N equals B

Z ZDHQZEM VGHV H LBYYX

NMVSMM E H LHEEYE HEK H

NMRR SYIRK NM KINNMK

"VGM NYYDMBHEQ."

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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.

NXD SUNX NT KF JVEDO

SHISTMD VM RUVO PVNX VITQ

IUVRM, PXDIDTQ KF MTHR VM

AITTYDO NT IHQ.

- XDIKUQ KDRYVRRD

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Puzzle Answers

February 10, 2021

Puzzles4Kids

- Answer
- | | | |
|--------|---|-------|
| FLOODS | O | FOLDS |
| ATHENS | N | HATES |
| SERBIA | I | BARES |
| STORES | O | RESTS |
| ENTERS | N | STEER |
| ALERTS | R | LEAST |
| RAISED | I | DARES |
| KNEELS | N | LEEKS |
| RAGING | G | GRAIN |
| BASSET | S | BEAST |

FEAR KNIGHT

answer

| | | | | | |
|---|---|---|---|---|---|
| S | H | O | F | A | R |
| O | E | U | | | |
| I | T | E | M | L | |
| U | | | E | L | F |
| H | A | R | M | O | |
| T | | | O | | |
| O | R | G | A | S | M |
| L | U | E | | | |
| L | M | O | R | A | L |

Even Exchange

- answers
- Appear, Appeal
 - Punch, Pinch
 - Enjoy, Envoy
 - Lisbon, Liston
 - Alter, Aster
 - Waltz, Walts
 - Carrot, Parrot
 - Brink, Bring
 - Squirm, Squire
 - Trial, Trill

King Crossword

Answers

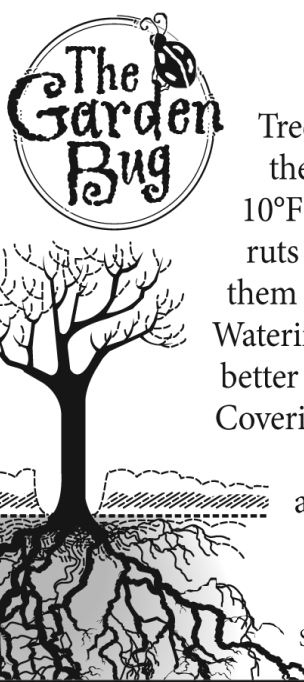
Solution time: 22 mins.

| | | | | | |
|----|----|----|----|----|----|
| AL | SO | AB | S | AN | NE |
| PO | PP | ED | UP | SO | IL |
| BO | AT | RA | CE | SI | LK |
| A | I | A | M | C | R |
| AT | H | O | S | B | I |
| RO | A | N | B | O | A |
| M | L | O | R | A | L |
| B | O | A | T | E | R |
| P | T | A | S | W | I |
| P | E | A | P | O | D |
| I | T | A | L | B | O |
| E | T | R | E | O | L |
| S | A | P | S | X | E |

Weekly SUDOKU

Answer

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



Soil temperatures

Tree and shrub roots can be damaged or killed if the temperature of the soil around them dips to 10°F or lower. To help protect roots, look for deep ruts or cracks in the soil around the roots, and fill them in with additional soil, tamping down lightly. Watering well in autumn helps to prepare the soil to better protect the roots from dangerous conditions. Covering the root zone **only** (not against the trunk) with 4-6 inches of organic mulch, as well as allowing snow to cover the mulch, will form a barrier that can help the soil retain optimal temperatures for root health. — Brenda Weaver

Source: pss.uvm.edu



Birding Bits

BY Cindy Brook

Double Duty
Give migrating finches and buntings a little boost this year by mixing equal portions of thistle seed, sunflower chips and white proso millet. Toss on the ground near a bush or brush pile. You'll be glad you did when you see one of these little beauties land in your yard.

E-mail: birdingbits@cfl.rr.com
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Amber Waves

HEY GRANDPA, I DIDN'T KNOW THAT MY MIDDLE NAME IS THE SAME AS YOUR FIRST. COOL HUH?

OH SURE, IT'S QUITE AN HONOR FOR ME. I GET TO BRAG TO ALL MY BUDDIES AT COFFEE ABOUT IT.

GERALD THOMAS YOU GET IN HERE RIGHT THIS MINUTE AND CLEAN THIS UP!!

OF COURSE THE ONLY TIME IT GETS USED IS WHEN HE'S IN BIG TROUBLE.

R.F.D. by Mike Marland

YUP... IT'S AMAZIN' WHAT A GUY CAN DO WITH A LITTLE DUCT TAPE!

Puzzle Answers

BIBLE WORD SEARCH

Answers

CRYPTOQUIP
I imagine that a cross bell would be dubbed "the boomerang."

CRYPTOQUOTE
The path to my fixed purpose is laid with iron rails, whereon my soul is grooved to run. — Herman Melville

Stickeler's Answer

Stickelers Answer

The answer is 2) 1 in 3. Eliminating any cousin who is 1 year old narrows the range of guesses. You then have:

- 2, 3 and 6
- 2, 2 and 9
- 3, 3 and 4

Letter Box

Solution

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| O | U | R | C | L | I | E | N | T |
| I | C | N | T | R | E | L | U | O |
| E | T | L | O | U | N | I | R | C |
| N | L | E | R | O | C | T | I | U |
| R | O | T | I | N | U | C | E | L |
| C | I | U | E | T | L | R | O | N |
| T | N | C | L | E | O | U | R | I |
| L | E | O | U | I | R | N | T | C |
| U | R | I | N | C | T | O | L | E |

Bible Trivia Answers

ANSWERS 1) Old; 2) New Jerusalem; 3) Light; 4) 30; 5) Joshua; 6) Tentmaker
Test Your Bible Knowledge, with 1,206 multiple-choice questions by columnist Wilson Casey, is available in bookstores and online.