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Fly Control on Cattle

animal, however, does make many control methods quite effective.

On the other hand, face flies spend about 90 percent of their time resting and they only visit animals to feed on liquids around the eyes and face. This makes some fly control methods more effective than others because face flies visit hard-to-treat areas for very short time periods.

One control option is insecticide-impregnated cattle ear tags which release small amounts of an insecticide distributed over the animal during grooming or rubbing. In general, ear tags provide excellent, long-term control of horn flies and some brands also reduce face fly numbers. Another advantage is that animals only have to be handled once.

Read the label before you use insecticide ear tags. All tags are labeled for beef cattle while only those with certain active ingredients are approved for use on lactating dairy cattle.

For fly control, it is best to tag animals after horn fly numbers reach 50 or more per side. This reduces the chances of developing resistance to the active ingredients that are being used. Normally, tags provide 12 to

15 weeks of fly control. Tagging too early in the season can mean the tags are not providing control in the fall that will help to control the overwintering population.

Another method of control is pour-on products. These are ready-to-use formulations that are applied to animals in measured doses based upon body weight. Horn flies are killed as they land on treated areas of the animal and pick up the insecticide through their body.

Typically, pour-ons provide about four weeks of fly reduction so you must reapply at intervals or use in combination with other methods. The length of control will vary with weather and other factors, so treat again when fly numbers build back up to about 100 per side but no sooner than the label instructions allow. Many cattle producers like to use self-application devices, such as dust bags, back rubbers, or automatic sprayers for pasture fly control. You can purchase ready-made or assemble from easily found materials. These devices can do a very effective job of horn fly control and may provide satisfactory to excellent face fly control. All require regular inspection and service to be sure they are working properly and may not be as mobile as other fly control

systems.

Location is important for these fly control methods. You must put them where animals can regularly use them. The number you need will vary with herd size, pasture area and other factors. The ultimate goal is to get each animal regularly treated.

Horn flies and face flies breed in cattle droppings in pastures. Animals consuming an insecticide that passes through the manure can make it toxic. Mineral blocks or loose supplements are available which contain fly control products. This method is only part of a total fly-control program because horn flies and face flies move in from nearby herds. Supplemental control through the use of dust bags or backrubbers is needed to deal with these "fly-ins".

Beef cattle producers have many alternatives for pasture fly control. Cost, effectiveness, past control history and herd management practices help to narrow this list. For more information on fly control, contact the Estill County Cooperative Extension Service at 723-4557.

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Wishing Well®

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

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: T equals Y

CPAU Z LIT KQ QNKYKUL DPSVILPVID

PKQ CPVYA YKBA, K LIAQQ PA'Q

LSKUUKUL BSVN TAZS DV TAZS.

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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.

HM'W BEQMML RJEI MG

MQXX TRJM IGQW ZEHUY

RJBBHUQWW; BGCQEML JUI

TQJXMR RJCQ ZGMR NJHXQI.

— AHU RVZZJEI

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Puzzle Answers

June 28, 2017

Puzzles4Kids

Answer

Why are mosquitoes annoying?

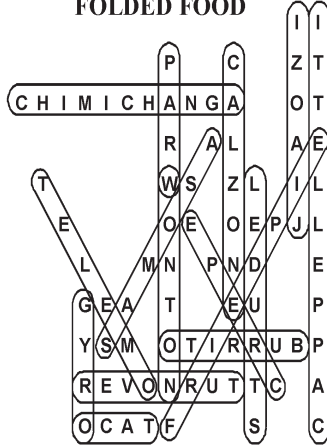
Because they get under your skin.

Letter Box

Solution

U	G	E	P	C	O	N	I	R
O	P	R	N	I	U	E	G	C
N	I	C	E	G	R	O	U	P
R	U	I	O	E	C	P	N	G
G	C	N	U	P	I	R	E	O
P	E	O	R	N	G	U	C	I
E	N	G	I	R	P	C	O	U
I	O	P	C	U	E	G	R	N
C	R	U	G	O	N	I	P	E

FOLDED FOOD



CryptoQuip

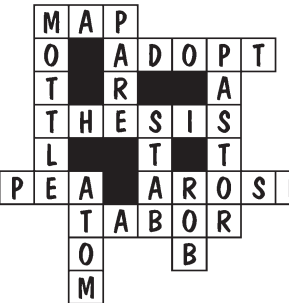
answer
When a guy is smiling throughout his whole life, I guess he's grinning from year to year.

CryptoQuote

answer
It's pretty hard to tell what does bring happiness; poverty and wealth have both failed.
— Kin Hubbard

FEAR & KNIGHT

answer



Even Exchange

answers

1. Revere, Severe
2. Marsh, March
3. Betsy, Betty
4. Pellet, Pallet
5. Humble, Tumble
6. Chose, Chore
7. Smock, Shock
8. Merge, Marge
9. Brink, Brisk
10. Expand, Expend

Weekly SUDOKU

Answer

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

King Crossword

Answers

Solution time: 21 mins.

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

Bible Trivia Answers

Now available by Wilson Casey! 2017 Bible Trivia box calendar loaded with daily teasers.

ANSWERS (1) New; (2) Jacob; (3) Shechem; (4) Aaron; (5) Pharaoh; (6) Tent door.

UK COOPERATIVE EXTENSION SERVICE

University of Kentucky - College of Agriculture



Estill County
4-H Youth Development
Isaac L. Hollon
Estill County Extension Office

Estill 4-H Pet Show on Monday, July 3rd

Dog Classes Canceled At 4-H Pet Show

—Announcement— Due to reports of Canine Influenza in Kentucky, the dog classes in the 4-H Pet Show on July the 3rd have been canceled. We will still be having all of the non-dog classes and encourage you to participate in those. This is being done as a precaution. If you have any questions you can call the Extension Office at (606) 723-4557.

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Stickeler's Puzzle

STICKELERS [sic].
by Terry Stickels

Below are four squeezer puzzles. Can you find the correct word to be placed in the middle of each to create two new words, one front-end, one back-end? Here's an example of how it works: ever G R E E N horn

- 1) bottle _____ tie
- 2) farm _____ fast
- 3) air _____ craft
- 4) iron _____ wall

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Stickeler's Answer on Page 11

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