Fly Control in Cattle

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Warmer weather brings more pest problems. Horn flies and face flies are key pests of Kentucky cattle. Both species breed in fresh manure piles, but they present different threats and management problems. Fortunately, you have a variety of fly control options.

Lee Townsend, UK entomologist, explains that horn flies are blood feeders. They remain on animals most of the time, taking 20 to 30 small blood meals per day. More than 100 flies along the sides and backs of each animal every day during the fly season can mean 12 to 15 pounds lower weaning weights for spring calves and poor gains for older animals. The close association between the horn fly and the 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 though 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®

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

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 **P**

LUQ TZQTIZ, AZPHLFMW QYZV

LEZ PZCL XZLEQA LQ CEOL

H AQQV, UZVZ WFYFMW LEZFV

KIQCFMW HVWOXZMLC.

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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.

E KEDQHM CFHEFXF MNG

TFXFD LONGHV LRFTV MNGD

SEQF CFETP SOF KNDQFD

BTMSOETP.

— ANTVNHFFUUB DEAF

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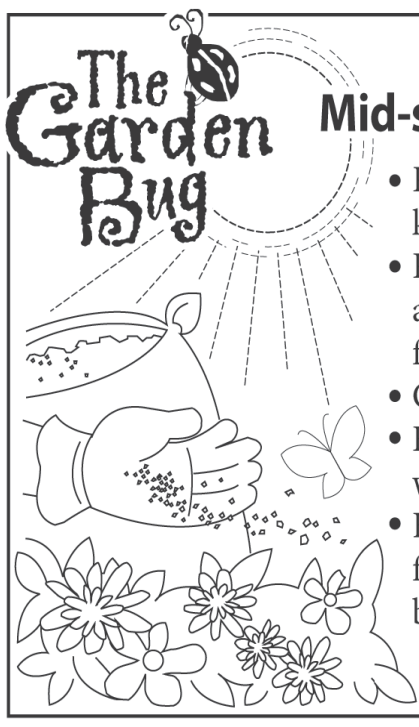
The Garden Bug

Mid-summer garden checklist



- Provide a water source for birds, and keep its container clean.
- Remove infected leaves from plants and do not compost them. Bag them for pick-up or burn them (safely).
- Continue fungicidal sprays as needed.
- Fertilize container plants every two weeks with a water-soluble solution.
- Keep deadheading spent annual flowers for continued blooming. – *B. Weaver*

Source: www.missouribotanicalgarden.org

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Birding BITS by Cindy Brook

Rowdy Bunch

Play host to the larger bird crowd. Unsalted in-shell peanuts tossed on the ground will bring blue jays, grackles, American crows and many woodpeckers. Sure these birds can be a bit noisy, but they are just as entertaining and beautiful as smaller songbirds.

E-mail: birdingbits@cfl.rr.com

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Puzzle Answers

July 17, 2019

Puzzles4Kids

Answer

What do sheep do on sunny days?

Have a baa-baa-cue.

FEAR KNOT answer

R	E	A	C	T				
E			U					
G	R	I	D		G			C
A		N			N	E	A	R
L		D	O	N	U	T		E
E	G	O				H		D
		O			U	N	T	O
		R				I		
						C		

Letter Box

Solution

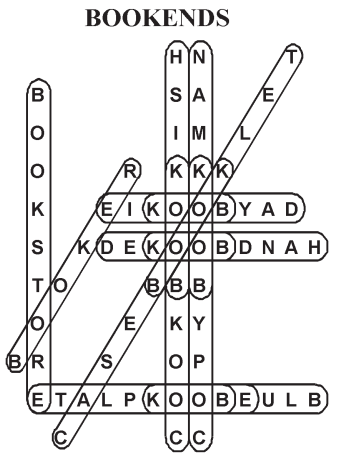
H	A	R	D	Y	V	I	N	E
I	V	Y	N	E	H	R	A	D
N	D	E	R	I	A	H	Y	V
V	I	H	A	D	E	N	R	Y
Y	E	D	I	R	N	V	H	A
A	R	N	V	H	Y	D	E	I
D	N	A	E	V	R	Y	I	H
E	Y	I	H	N	D	A	V	R
R	H	V	Y	A	I	E	D	N

Even Exchange

answers

1. Brook, Broom
2. Puppy, Poppy
3. Lesson, Lessen
4. Player, Prayer
5. Curry, Carry
6. Meager, Meaner
7. Santa, Sante
8. Batch, Botch
9. Raffle, Waffle
10. Stork, Store

BOOKENDS



Weekly SUDOKU

Answer

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

SCRAMBLERS

Unscramble the letters within each rectangle to form four ordinary words. Then rearrange the boxed letters to form the mystery word, which will complete the gag!

Laud
ARMIED

Cause
DUNCIE

Lounce
ZEAL

Mean
DINES

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"Look on the bright side—you won't be bothered by _____ salesmen anymore."

TODAY'S WORD

_____

CryptoQuip

answer

Two people, debating over the best method to shut a door, were giving their closing arguments.

CryptoQuote

answer

I firmly believe you never should spend your time being the former anything.
— Condoleezza Rice

King Crossword

Answers

Solution time: 21 mins.

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

Stickeler's Puzzle

STICKELERS [sic].
by Terry Stickels

What is the largest number that is spelled using only one vowel?

Stickeler's Answer on Page 11

Amish Construction Crew
• New Construction • Remodeling
• Room Additions • Roof • Decks
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- New Mattresses and Box Springs
- New Bedroom Suites
- New Living Room Suites
- New Recliners & Lift Chairs

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Free Delivery & Set Up

Bible Trivia Answers

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

ANSWER 1) :New; 2) Joshua; 3) Judas (Iscariot); 4) Beelzebub; 5) Andrew; 6) 117