Face Flies On Livestock

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Face flies are one of the most difficult pasture pests to control because they are on animals for just a short time and land mainly on the face. Face flies use an abrasive sponging mouthpart to stimulate tear flow from the eyes. These flies lap up the protein rich secretions from the eye as well as nasal discharges, saliva, or blood oozing from wounds. The face fly is mostly off of animals, resting on plants, fence posts, or other objects. A good control program should keep face fly numbers below 10 per head.

In addition to being very annoying to cattle, face flies play a role in the transmission of Moraxella bovis, the principal causal agent of bovine pinkeye or infectious bovine keratoconjunctivitis. This disease is a highly contagious inflammation of the cornea and conjunctiva of cattle.

The incidence of pinkeye in a herd can vary greatly from year to year, and usually is greatest during fly season. However, pinkeye also can occur during the winter or where flies are not particularly abundant. English breeds with less pigment around the eyes (Hereford, Holstein, Shorthorn) are more susceptible than are those with completely pigmented eyes (Angus). Infections are much worse in young animals than in old animals.

Pinkeye is associated with shipping stress; increased sunlight; eye irritants such as tall, rough pasture grass; and other bacteria and viruses. The eye and nose discharges of infected animals can carry the pathogens, so direct animal-to-animal contact, contaminated equipment, and animal handlers can transmit the disease. Fly control is only part of the comprehensive program needed to reduce pinkeye incidence. Your veterinarian can help you to plan and implement a total program.

Face fly maggots only develop in freshly deposited cattle manure, usually laying their eggs within 15 minutes after it is deposited. The four stage life cycle takes about 15 to 25 days. Numbers continue to increase throughout the summer.

Devices that allow animals to treat themselves frequently and which target the head and face area are most effective against face flies. Even if good pasture fly control program is in place, these insects are strong fliers so they may move in from other herds, allowing fly numbers on animals to remain high.

Backrubbers with wicks or fly flips will allow cattle to treat themselves while loafing and scratching. The insecticide should be diluted with a good grade of mineral oil (diesel oil evaporates more quickly and is harder on the cattle's skin) according to label instructions.

Dust bags are most effective when used where cattle have to pass under them daily to get to water or mineral feeders. Best coverage occurs when the animal must lift the bag with its head to pass through. Inspect the bag regularly and recharge it as needed. Keep it dry to reduce clumping of the insecticide and premature loss of effectiveness.

Feed additives or an insecticide bolus targets fly maggots breeding in fresh cow manure. Most are labeled for horn fly control only. All animals must eat a minimal dose of a feed additive regularly. Supplementary control measures must be used to deal with flies moving in from nearby herds.

Insecticide-impregnated cattle ear tags release small amounts of an insecticide, which are distributed over the animal during grooming or rubbing. Some pyrethroid tags can provide significant face fly reduction for several weeks. Contact the Estill County Extension Office at 723-4557 and ask for UK Extension publication Entfact 505 - Insecticide-Impregnated Cattle Ear Tags for more details.

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Wishing Well®

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

EO NEW JWOV KWP EFZO PW

DWQQWN GAZOV NAPEWMP

LFQOV. – TAJJAVE CQWZOQD

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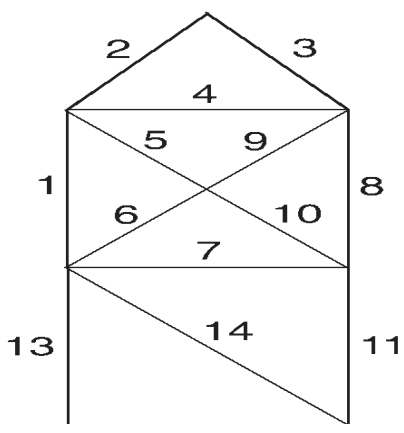
Stickeler's Answer

Stickelers Answer



Stickeler's Puzzle on Page 11

The Garden Bug

Aphids, anyone?

Aphids insert their straw-like mouth into the inner cells of a plant, drawing out the plant's liquids. This causes leaf and stem deformities and transmission of diseases, all of which can affect the plant's appearance and value and may even kill it. Both the larvae and the adult Asian lady beetle (*harmonia axyridis*) eat aphids and are very good natural controls.

Source: www.greenmethods.com, www.ars.usda.gov

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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: **W** equals **L**

QDXOSVD M ZHE MKT VEOMKV

HK YF VYOWW HSEAHHL ZLMWW,

AHDV EJOE YOTD ME O

QWHEXJF JMQOXJM?

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Coca-Cola Talent Classic

Preliminaries will be held again this year at the Estill County Fair on Thursday, July 3, 2014. Winners in this contest will go on to perform at the Kentucky State Fair Coca-Cola Talent Classic. Categories include: Vocal Solo-Female, Vocal Solo-Male, Vocal-Group, Instrumental-Solo, Instrumental-Group. Entry fee is $15. Contestants must be between 13-21 years of age by August 1, 2014. Prize money will be paid for the top three overall winners as follows: 1st Place-$100; 2nd Place-$75 and 3rd Place-$50.

Pre-registration is required. Applications and brochures are available at the Estill County Extension Office (76 Golden Court).

Following the preliminary contest, there will be an Open Talent Contest (no age limit). Entry fee will be $10.00. Categories include: Vocal Solo-Female, Vocal Solo-Male, Vocal Group, Gospel Solo, Gospel Group. 1st place winners in each category will receive $25, 2nd place $15 and 3rd place $10.

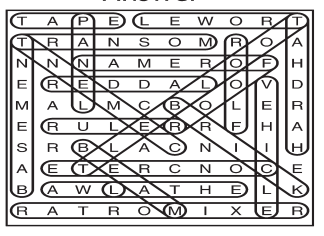
For more information contact Tammy Cole, (Chair) at 723-4326.

Puzzle Answers

June 18, 2014

Puzzles4Kids

Answer



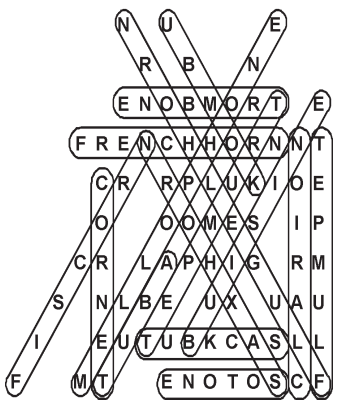
Riddle Answer:
A crane.

Letter Box

Solution

U	F	L	Y	S	O	E	B	K
Y	S	E	B	U	K	O	L	F
O	B	K	L	E	F	Y	S	U
E	U	O	F	L	S	K	Y	B
F	L	S	K	B	Y	U	E	O
K	Y	B	U	O	E	S	F	L
S	K	Y	O	F	B	L	U	E
B	O	U	E	Y	L	F	K	S
L	E	F	S	K	U	B	O	Y

BRASS INSTRUMENTS



CryptoQuip

answer

Because I got ink stains on my small outdoor grill, does that make it a blotchy hibachi?

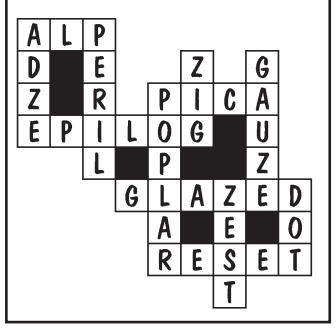
CryptoQuote

answer

He who does not have to borrow lives without cares. – Yiddish Proverb

FEAR KNOT

answer



Even Exchange

answers

1. Carrot, Parrot
2. Devour, Devout
3. Wrist, Whist
4. Tango, Tangy
5. Bubble, Bumble
6. Crutch, Crunch
7. Punch, Pinch
8. Crutch, Crunch
9. Stick, Slick
10. Spoon, Swoon

Weekly SUDOKU

Answer

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

King Crossword

Answers

Solution time: 25 mins.

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

Bible Trivia Answers

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

ANSWERS: 1) Old; 2) John; 3) Vashti; 4) Hiram; 5) Dance; 6) Love