



**Eric Baker**  
Estill County Extension Agent for Agriculture & Natural Resources

Winter probably doesn't seem like the right time to eliminate pests that will take advantage of your landscape plants next spring. But we need to remember that many problem pests will spend the winter on or near the plants they want to munch on when the weather turns warmer.

According to UK horticulture specialist Rick Durham, you can get an early

## Horticultural Oils Can Control Spring & Summer Pests

handle on problem pests by using horticultural oils specially formulated for pest control. Horticultural oils suffocate overwintering pests like scale, aphids and certain mites. These oils are used as a more natural substitute for a traditional insecticide. They are an effective chemical control with minimal environmental impact and usually have little effect on beneficial insects and wildlife. Plus, horticultural oils are safe to humans, don't have an objectionable odor and usually are inexpensive compared to many other insecticides.

By using horticultural oils on pests in the overwintering stage, you can avoid a potential outbreak later. This can save time because you might not need treatments in the early spring, or at least need fewer applications.

We do offer some words

of caution. Don't apply a horticultural oil during temperature extremes, especially if the temperature is forecast to drop below 40 degrees Fahrenheit the day before or after application. If you wait until later in the year to use a horticultural oil, don't apply it if the temperature could rise above 90 degrees Fahrenheit. Trees and plants are more sensitive to injury from a horticultural oil under extreme heat or cold.

As with all chemicals, read and follow the label directions. Also, be sure the product is labeled for the plants to which you're applying it.

Thorough spray coverage is key to an effective application because horticultural oils only work by contacting and covering the target pests. For best results, use high-volume sprays combined with proper pruning practices

to allow thorough plant penetration of the spray material.

Proper timing is critical for successfully applying these oils. You should apply them before leaves or flowers show signs of breaking dormancy—before bud break. It usually is in late March or early April but might vary by two weeks or more depending on weather conditions. Wait until as close to bud break as possible before applying horticultural oil sprays.

For more information about using horticultural oils, contact the Estill County Extension office at 723-4557.

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## Wishing Well®

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

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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: Y equals L

MAGM FGE G JZUC DGENTKGMTKW  
QTM XD MUTJTG CXH BTJHYWZB.  
TM'YY QZ G MXHWA DGNM MX  
DXYYXF!

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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.

RMQMB JSBD TMYSBM  
TBMCDYCFU; WY XSA PCQM  
US JSBD TMYSBM TBMCDYCFU,  
ZMU XSAB TBMCDYCFU YWBFU.  
— ISFP TWHHRZF

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## Americanisms



“Too many people spend money they haven't earned, to buy things they don't want, to impress people they don't like.”

—Will Rogers

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## Farming News

from Extension Agent Eric Baker

Thursday, December 7th at 6:00pm

### Corn & Soybean Production Update

There will be a corn and soybean production update Thursday, December 7th, 6:00 p.m. at the Madison County Extension office located at 230 Duncannon Lane in Richmond. Estill and Madison County Extension agents are cooperating to offer this program. Grain producers from Estill and surrounding counties are invited to attend.

UK grain specialist Chad Lee will discuss the top 5 best practices for higher yields and a BASF representative will bring observations about Dicamba resistant soybeans. A sponsored meal will be provided, so please pre-register by calling 606-723-4557 by December 4th.

## The Garden Bug



A fun website to explore is Wild Flowers of Israel found at [www.wildflowers.co.il/english](http://www.wildflowers.co.il/english)

Within categories such as medicinal, herbal and Biblical, information is given on individual plants found in Israel, such as their common names, Hebrew names (with a pronunciation feature), scientific designations, physical attributes, along with flowering times, habitat, geographic distribution and color photographs.

Almond tree flower

— Brenda Weaver

Source: <http://www.wildflowers.co.il/english>

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## Birding BITS BY Cindy Brook

**The Humble Tree**  
Holiday trees don't have to cost a lot to decorate. Decide on a theme, and then go to your favorite craft store to find the items you need. Bird-related items are very easy to find. Having a tree filled with lights in your home can be very peaceful. Enjoy!

E-mail: [birdingbits@cflrr.com](mailto:birdingbits@cflrr.com)  
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## Puzzle Answers November 29, 2017

### Puzzles4Kids Answer

G	I	N	G	E	R	E	E	R	E	D	I	N	E	R	A	D	I	O	
R	E	E	R	A	I	D	E	A	R	E	A	R	E	R	E	A	R	E	R
E	E	N	O	S	E	E	E	R	A	I	S	E	R	E	R	E	R	E	R
S	O	I	N	G	S	E	E	R	A	I	S	E	R	E	R	E	R	E	R
U	R	G	R	I	N	E	A	G	E	R	A	B	I	R	D	S	E	E	E
E	O	N	O	U	R	I	S	H	B	I	R	D	S	E	E	E	E	E	E

### FEAR KN&T answer

Z	M				
P	I	Z	Z	A	
M	O	A	T	G	
U	R	P	A	N	G
G	U	S	T	O	U
O	T	E	M	P	O
N	A	S	P	A	N
H					

### Letter Box Solution

I	N	T	E	A	V	P	L	O
E	V	P	O	L	N	A	T	I
A	O	L	P	I	T	N	V	E
N	A	I	V	E	P	L	O	T
V	T	E	L	O	A	I	N	P
L	P	O	N	T	I	E	A	V
O	E	N	T	P	L	V	I	A
T	I	V	A	N	E	O	P	L
P	L	A	I	V	O	T	E	N

### FITS IN A THIMBLE

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

### CryptoQuip answer

That was a very fascinating bit of trivia you divulged. It'll be a tough fact to follow!

### CryptoQuote answer

Never work before breakfast; if you have to work before breakfast, get your breakfast first. — Josh Billings

### Even Exchange answers

1. Bicker, Backer
2. Flute, Fluke
3. Gallon, Gallop
4. Score, Scare
5. Leash, Least
6. Jiggle, Jingle
7. Storm, Story
8. Guest, Quest
9. Watch, Witch
10. Entire, Entice

### Weekly SUDOKU

Answer

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

### King Crossword

Answers  
Solution time: 27 mins.

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

## THE ILLUSTRATED BIBLE



The angel answered and said to her, "The Holy Spirit will come upon you, and the power of the Most High will overshadow you; and for that reason the holy Child shall be called the Son of God."

Luke 1:35

Detail of "Angel Of The Annunciation" by Simone Martini (1333)

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## Stickeler's Puzzle

STICKELERS by Terry Stickels

If the average of X and Y is 55, and the average of Y and Z is 30,

What is X minus Z?

Stickeler's Answer on Page 11

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## Bible Trivia Answers

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

ANSWERS 1) Old; 2) Elisha; 3) 1 (Job); 4) Habakkuk; 5) Disciples; 6) Blackness