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Maximizing every bit of profit from your farm is a key to success. As a landowner, one thing that may not be at the top of your mind is your farm's woodlands, but you should manage them just like crops, fields, gardens or other agricultural endeavors.

You can benefit by understanding the industry and learning basic forestry concepts, such as how to control light and density, manage pests and steward a forest to make it healthier and sustainable. You should also learn about the important tax benefits for timber owners and secondary markets that may be available for non-timber products such as hunting leases, ginseng, shiitake mushrooms, and fence posts.

It may be surprise you to learn that timber, the majority of it privately grown and processed, is one of the largest agriculture and natural resource

Woodlands -- Your Farm's Hidden Asset

industries in Kentucky. The statistics are impressive: Kentucky ranks as one of the top three hardwood producing states in the United States. More than 12 million acres, almost half of Kentucky's land base, is forestland. According to the Kentucky Division of Forestry, the total economic impact of Kentucky's forests and related industries contributes nearly \$13 billion each year to the state's economy, and it employs more than 50,000 people. Most of Kentucky's forests consist of hardwoods, with oaks, yellow poplar, hickories, ash, cherry and walnut contributing to the economic value of the industry.

Woodlands also are valuable for services beyond timber production including providing habitat to a wealth of wildlife, from black bears to bobcats. They serve as a backdrop for much of the recreational and tourist activities in the state. Another important contribution of woodlands, but harder to put a dollar figure on, are the ecosystem services such as water and air filtration, carbon sequestration and flood control they provide.

More than 11 million of Kentucky's 12 million forested acres are classified as timberland, meaning they are capable of growing commercial timber at

a rate of 115 board feet of wood volume per acre per year. (A board foot is 12 inches by 12 inches by 1 inch). Logging in Kentucky is renewable, as tree growth in the state exceeds annual timber removal. The industry also ensures that commercial operations have a Master Logger graduate on-site and follow best management practices for protecting water quality at harvest sites.

Sawmills and other industries produce much less waste than in the past, utilizing all but 5 percent of wood residue, down from 35 percent in the 1970s. Advances in machinery and utilization of sawdust and bark residue have fueled this significant reduction in waste. Mulch, fuel, composite wood products, charcoal and animal bedding are made from leftover wood ...reducing the industry's impact on the environment.

If you are interested in learning more about how to realize a potential economic value from forestland, the University of Kentucky Cooperative Extension Service offers technical training classes and programs, professional forestry workshops, technical publications, logger training, and more. Each fall, UK Forestry and Natural Resources offers the Woodland Owners Short Course, an annual

learning conference, with two different experience levels. The 2017 course in Eastern Kentucky is Aug. 12 and the Western Kentucky course is Aug. 26. For more information about the course, visit <http://forestry.ca.uky.edu/wosc>.

For more information about Kentucky forests, visit <http://forestry.ca.uky.edu/extension-home> or contact the Estill County Cooperative Extension Service at 723-4557.

Stickneys Win 2017 Tree Farmer Award

Congratulations to Jack Stickney and family of Lily Ferry Road, Irvine. They received the 2017 Tree Farmer of the Year Award for their stewardship and management of their forest lands. Mark your calendars for Thursday, October 5th for the Tree Farmer of the Year Field Day at the Stickney farm. The event will go from 2:00 p.m. to 6:00 p.m. There will be educational stops, informational booths, and a meal will be provided. Stay tuned... more details will be available next month or contact the Extension office.

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Wishing Well®

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

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: Z equals M

CGT ZYFTE, DSNF CBMYFL ONZT
NET CN CGT XBFM, GBP XTLDL CN
ZBMT ETLDUBE ZYFTEBU PTSNOYCO.

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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.

DH IRJH LR PNRD RQO, FHL
DH AHKN RQO KPH: DH KNH
DZQQZWP LR QZYH, KWO
KANKZO LR OZH.

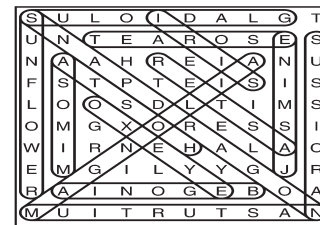
— QK CNTFHNH

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Puzzle Answers August 2, 2017

Puzzles4Kids Answer

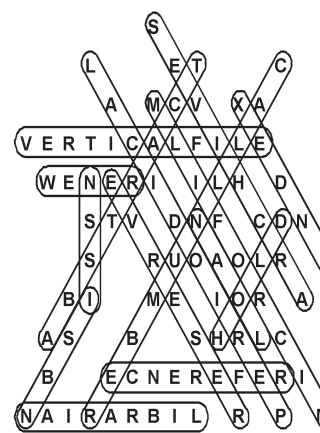


Riddle Answer:
The tiger lily.

Letter Box Solution

N	P	B	T	R	I	E	U	L
T	U	E	L	B	P	N	R	I
R	I	L	U	E	N	T	P	B
B	L	U	E	P	R	I	N	T
E	T	P	I	N	L	U	B	R
I	R	N	B	T	U	P	L	E
U	B	T	P	L	E	R	I	N
P	E	R	N	I	B	L	T	U
L	N	I	R	U	T	B	E	P

THE LIBRARY



CryptoQuip answer

The miner, upon taking some ore to the bank, had begun to make regular mineral deposits

CryptoQuote answer

We hope to grow old, yet we fear old age: we are willing to live, and afraid to die.
— La Bruyere

FEAR & KNOT answer



Even Exchange answers

- Heart, Heard
- Bagger, Bigger
- Quill, Quilt
- Gland, Grand
- Posies, Ponies
- Recipe, Recite
- Slower, Shower
- Marry, Maury
- Front, Frost
- Butter, Buster

Weekly SUDOKU

Answer

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

King Crossword Answers Solution time: 24 mins.

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



Native Americans used beebalm to treat a wide range of ailments, such as soothing bee stings by crushing the leaves of the plant and rubbing them on the skin. The Blackfeet used the plant in poultices applied directly to infections and minor wounds, the Cherokee and Teton Dakota used it to treat stomach ailments, and the Winnebago made a stimulating tea from it. - Brenda Weaver

Sources: plants.usda.gov, getbusygardening.com

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Farming News

Thursday, August 10th at 6:00pm

Cattle Producer's Meeting

The Estill County Cattlemen's Association and Cooperative Extension are sponsoring a cattle producers meeting on Thursday, August 10th, 6:00 p.m. at the Extension office, 76 Golden Court (off Stacy Lane). The focus for the meeting is cattle market outlook. Our guest speaker is UK Livestock Economist Kenny Burdine. A meal will be provided so make sure to pre-register by August 7th by calling 723-4557. The Estill County Cattlemen's Association will have a business meeting afterward. Everyone is welcome!

Americanisms



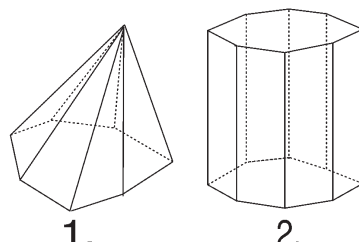
"Old age is no place for sissies."
— actress Bette Davis

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Stickeler's Puzzle



What are the names of the solid objects?



1. 2.

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Stickeler's Answer on Page 11

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Bible Trivia Answers

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James/John; (6) Sea of Galilee; (5) John; (3) Sycamore; (4) Fish; (2) ANSWERS (1) New; (2)