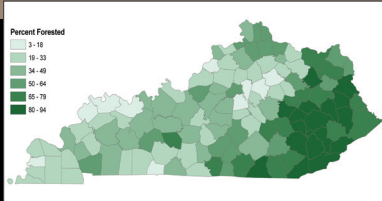


Test Your Knowledge

Submit Your Answers at www.ukforestry.org to Win a \$50 Gift Certificate

Editor's note: Questions are drawn from the articles in this issue; if you have trouble with any of the answers then please review the articles to discover them. Visit www.ukforestry.org to enter your answers for a chance to win a \$50 gift certificate to Forestry Suppliers. Sorry, but University of Kentucky and Kentucky Division of Forestry employees (and their family members) are ineligible to win the \$50 gift certificate.

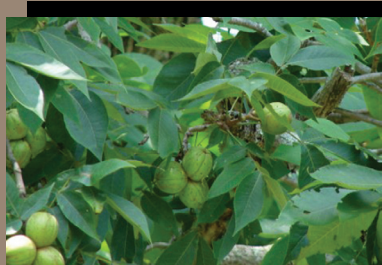


1. This hardwood species can establish and grow in a wide variety of sites. There are an estimated 830 million live trees of this species which is more numerous than all oak species combined. Which tree species is now the most numerous in Kentucky?

a) Yellow-poplar b) Kentucky coffeetree c) American dogwood d) Red maple

Hint: See article on page 18.

2. Kentucky has a number of native nut trees including hickories, pecans, and walnuts. These trees are important for wildlife but are also enjoyed by people. Some people are planting these trees for nut production. How much nut production can the best hickory tree varieties produce per tree in a good year?



Hint: See article on page 14.

a) 25- to 50-pounds c) 75- to 100-pounds
b) 50- to 75-pounds d) 100- to 150-pounds

3. The Tree Scale Stick is a valuable tool that can be used to measure tree diameter and tree height. It also contains a tree volume table that will give you an estimate of the number of board feet in your trees. Once you have determined the diameter of the tree and the number of 16-foot merchantable logs it contains you can readily determine the volume. Using the Tree Scale Stick shown on page 21, how many board feet does a tree with a 14 inch diameter that has 1 16-foot log contain?

TREE SCALE STICK		DOYLE RULE (F.C. 20)	
16-FOOT LOG		16-FOOT LOG	
DIAMETER OF TREE INCHES	BOARD FEET	DIAMETER OF TREE INCHES	BOARD FEET
14	100	14	100
16	128	16	128
18	162	18	162
20	200	20	200
22	242	22	242
24	288	24	288
26	338	26	338
28	392	28	392
30	450	30	450
32	512	32	512
34	578	34	578
36	648	36	648
38	722	38	722
40	800	40	800

Hint: See article on page 20.

a) 24 board feet c) 48 board feet
b) 36 board feet d) 60 board feet

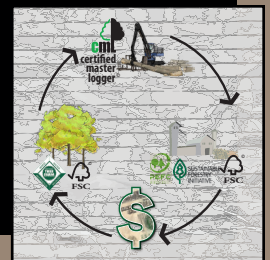
4. The hemlock woolly adelgid and the emerald ash borer are moving through the state, attacking our hemlock and ash trees. The most important thing to do is become educated about these pests and make sure that you are not contributing to their spread by the long-distance movement of firewood or hemlock trees. However, it is possible to treat infected trees with certain _____ insecticides. What types of insecticides can be used to treat for hemlock woolly adelgid and the emerald ash borer?



Hint: See article on page 10.

a) Broad spectrum c) Organic
b) Contact d) Systemic

5. The interest in woodland and wood product certification comes from the need to show the public that woodlands are being treated properly. Public concern with woodlands increased dramatically in the 1980s and '90s as activists shed light on the uncontrolled logging occurring in the rainforests of Central and South America and the harvesting of old growth trees in the Pacific Northwest. In the United States, woodland certification is _____?



Hint: See article on page 1.

a) Mandatory c) Required for international sales only
b) Voluntary