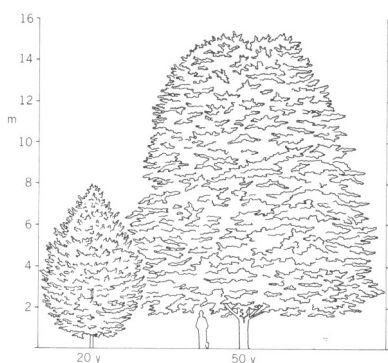


# THE STUMP

INFORMATION BY THE BOARD FOOT

FEBRUARY 2015

KNOT THE HOLE NEWS



## Turkish filbert *Corylus colurna*

Native to southeast Europe through Western Asia, Turkish filbert can be a useful addition to a landscape. Useful as a street, park or yard tree. It ranges from 40 to 50 feet tall and width is 1/3rd to 2/3rds of height. Naturally it is a stately pyramidal shape, but usually develops low crown and short trunk. Pruning to raise the crown will be needed in most circumstances. This tree is reported somewhat difficult to transplant and will require supplemental watering for several years until established on the site. After establishment, it is quite drought tolerant. Leaves are simple, alternate, broadly ovate to obovate, cordate, with toothed edge and 2.5 to 6 inches long. Male catkins can be visually significant, but female flowers are not showy and develop into a nut covered by bracts. Few known serious disease or insect pests affect this tree. Known for being tolerant of urban conditions.

Plant illustration by Jenny M. Lyverse, from *Landscape Plants for Eastern North America*, 2nd Edition, Harrison L. Flint Author

## Tree City USA - Recognition That Grows

The Tree City USA program is approaching 40 years of recognizing communities for effectively managing their publicly owned trees. The first communities to earn Tree City USA were recognized in 1976. It was purposefully timed to coincide with the United States of America's Bicentennial. These communities met the minimum standards during 1975 for the 1976 recognition as a Tree City USA. A total of 16 communities across the nation have earned Tree City USA recognition every year since the inception of the program. The program was developed by the U.S. Forest Service, National Association of State Foresters, and Arbor Day Foundation, which runs the program with state forestry agencies.

Earning Tree City USA is not as hard as people think. The program has 4 minimum core standards.

1. A Tree Board or Department
2. A Tree Care Ordinance
3. A Community Forestry Program With an Annual Budget of at Least \$2 Per Capita
4. An Arbor Day Observance and Proclamation

The Missouri Department of Conservation provides support to communities including this program. We are available to assist with tree ordinance development, support tree boards, Tree City USA application assistance and more.



**TREE CITY USA®**

Communities that earn Tree City USA status provide many benefits to their citizens, both tangible and intangible. Some of these benefits include:

### Framework for Action

The four core standards for becoming a Tree City USA provide the framework and direction for the strategic management of community trees.

### Education

Annual participation as a Tree City USA community provides the opportunity to educate people who care about their community about the value of tree resources, the importance of sustainable tree management and engage individuals and organizations in advancing tree planting and care.

### Public Image and Community Pride

Participation in the Tree City USA program helps residents feel good about the place they live and work. Annual recognition shows visitors and prospective residents that trees, conservation and the environment are an important part of life in the community.

### Publicity

Tree City USA participation presents an opportunity to educate the public about your community's urban forestry program and showcase the benefits of community trees.

### Financial

The Missouri Department of Conservation has a competitive grant program called Tree Resource Improvement and Maintenance (TRIM). Tree City USA communities awarded a TRIM grant through this program receive fifteen percent more cost-share than communities that are not recognized as Tree City USA. When applying for grants with other organizations, the Tree City USA status indicates you have the commitment to meet the requirements of their grant and increase the chance of receiving an award.



## Become a Tree City USA

Your community can become a Tree City USA and be part of the national 40th anniversary. To learn how and receive help, contact Jon Skinner, Community Forester, at 417-629-3423 or email [jon.skinner@mdc.mo.gov](mailto:jon.skinner@mdc.mo.gov).

To learn more about the Tree City USA program, visit: [www.arborday.org/programs/treecityusa/index.cfm](http://www.arborday.org/programs/treecityusa/index.cfm).

# Book Review - University of Wisconsin Plant Disease Diagnostic Clinic Fact Sheets

Spring is coming and soon insects and diseases will be affecting our trees. Most are benign, but a few can cause severe problems for individual or groups of trees. The University of Wisconsin Plant Disease Diagnostic Clinic Fact Sheets is one source to find good information on pests you may encounter. Other Extension agencies are also good sources. Go learn at: <http://labs.russell.wisc.edu/pddc/fact-sheet-listing/>

## Pest Highlight - granulate ambrosia beetle



The non-native granulate ambrosia beetle (*Xylosandrus crassiusculus*) attacks hardwood trees. The beetles themselves are very small. Adult female beetles burrow into the wood of trees to create egg laying galleries. They also infect the tree with an ambrosia fungus for developing larva to eat. While creating the tunnels, the female packs the chipped wood and excrement behind her to seal the hole. As this occurs, frass “toothpicks” are often created that can extend a few inches from the stem, especially when moist conditions exist. Two or more generations may occur each year and attack healthy or stressed trees. Damage may be reduced by keeping a tree healthy. Only preventative chemicals may help reduce attack. Once in the tree and frass is packed in the hole, the beetles are protected from chemicals.

### February 5

Nuts and Bolts Continuing Education Conference, Columbia, MO, Information and registration at <http://www.mlna.org/index.cfm?fuseaction=events.detail&eventID=4>

### February 5 - 7

Missouri Organic Association Annual Conference, Springfield, MO, Information at [www.missouriorganic.org/ConferencesandEvents/MOAAAnnualConference.aspx](http://www.missouriorganic.org/ConferencesandEvents/MOAAAnnualConference.aspx)

### February 8 - 12

TCIA Winter Management Conference, Cabo San Lucas, Mexico, Information and registration at <http://tcia.org/events/wmc-2015>

### February 11

Missouri Gravel Bed Nursery Workshop, 9 AM - 3:30 PM, Springfield – Greene County Botanical Center, 2400 S. Scenic, Springfield, MO, Springfield, MO, Registration Required by calling 417-629-3423 or email [jon.skinner@mdc.mo.gov](mailto:jon.skinner@mdc.mo.gov).

### February 12 - 13

Build A Better Landscape Business Workshop, Fenton, MO, Information and registration at <http://www.mlna.org/index.cfm?fuseaction=events.detail&eventID=13>

### February 24 - 26

ISA Tree Risk Assessment Qualification training ,Leawood, KS, Registration deadline January 24, 2015, Register at <http://traqleawood.bpt.me>

### February 24 - 27

American Society of Consulting Arborists Consulting Academy, Boston, MA, Information at: [http://www.asca-consultants.org/edprograms/consulting\\_academy.cfm](http://www.asca-consultants.org/edprograms/consulting_academy.cfm)

### February 26

Joplin MCFC meeting, 7 AM - 9 AM, Wildcat Glades Conservation & Audubon Center, Joplin, MO

### March 4 - 6

Missouri Community Forestry Council Annual Conference, St Charles, MO, Information and registration at [www.mocommunitytrees.com/mcfcconference2015.html](http://www.mocommunitytrees.com/mcfcconference2015.html)

### March 21 - 22

2015 International Tree Climbing Championship, Tampa, FL, Information at <http://www.isa-arbor.com/events/treeclimbingchampionships/index.aspx>

### March 26

Joplin MCFC meeting, 7 AM - 9 AM, Wildcat Glades Conservation & Audubon Center, Joplin, MO



The trees that have it in their  
pent-up buds

To darken nature and be summer  
woods

~Robert Frost

WHAT'S HAPPENING

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Missouri Department of Conservation