

THE STUMP

INFORMATION BY THE BOARD FOOT

JUNE 2022

KNOT THE HOLE NEWS



tuliptree
Liriodendron tulipifera

Also called tulip poplar, and yellow poplar, this is a large tree with a mature height of 80 to 150 feet and spread of 35 to 75 feet. Appropriate for large yards, and parks in valleys, this tree grows taller than most trees in SW Missouri. The top is commonly broken out by strong winds when it exceeds the surrounding trees and hills. It grows fast and develops a central stem. The yellow-green, tulip shaped flower is rarely seen being above eye level in the tree. It grows best on well drained, slightly acid soil. The unique leaves turn yellow in the fall. The cultivars 'Ardis', 'Compactum', and Little Volunteer' grow 1/4 to 1/2 the size of the specie and would be appropriate for smaller areas and outside of valleys.



Images from MDC. Range map modified from USDA Forest Service Silvics of North America Web site - www.srs.fs.usda.gov/pubs/misc/ag_654/volume_2/liriodendron/tulipifera.htm

Different Name, Same Cost-Share for Trees

As many of you are aware, MDC has been reorganizing the department structure for the last few years and this includes several of the programs that have been provided in the past. TRIM grants as of last year changed how they were awarded. In the past, all applications would go to a central location for grants to be awarded. Last year, grants were awarded regionally by the community foresters and a local committee. This assured communities in each of MDC's eight regions received some TRIM grant funds. In the past, this did not always happen. Now the grant is having a name change. This is to allow better understanding of what it is by everyone. The program is now called "Community Forestry Cost-share".

Another major change with Community Forestry Cost-share is the timing of awards. Instead of waiting to September or October to find out if you were awarded a grant, awards may be provided as early as July providing more time to complete projects.

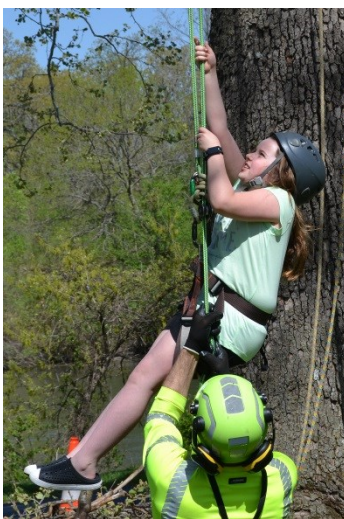
Projects may include:

- Municipal Tree Ordinance Development
- Development of a Community Tree Management Plan
- Community Tree Inventories
- Management of Ash Trees
- Training to Improve Community Forestry
- Purchase of Tree-care Education Materials
- Development and/or Distribution of Tree-care Related Educational Materials
- Removal of Critical Risk Trees
- Pruning
- Tree Planting Projects
- Woody Invasives Species Removal
- Other Tree Related Activities not Specified



Communities and non-profits working on public property are eligible to apply. Contact Jon Skinner (jon.skinner@mdc.mo.gov) now to discuss ideas you may have.

Employee Shortage



All across the country businesses are attempting to find employees. Tree Care and nursery business are no exception. What is worse, these jobs require specific skills and hard labor. Your employees not only need knowledge, they need passion for their job to be effective.

Today, many kids are not being exposed to working or even going outside. Some do not even notice or do basic lawn care around their homes. Part of what is missing is the exposure to the enjoyment of working outside, seeing your work completed, the plant grow, and the benefit and enjoyment it provides the owner.

If you are to have future employees, you need to invest in kids. It may be providing a tour of your business or demonstration of what you do to a school class or youth activity group. You may be in a position to even offer a short term job to a kid to give them the opportunity to try your business. Not every kid you see will be interested in tree care or nursery work, but without giving them the opportunity, they may never know if your career path is for them.

I recently learned of a partnership between Watershed Committee of the Ozarks and Hillcrest High School in Springfield. The Hillcrest High School is teaching students about plants and environment and the Watershed Committee provides hands on experiences working with plants. Agriculture classes at high schools, often with Future Farmers of America (FFA) groups, are great places where you can inquire about introducing students to your career path. I know of one nursery hosting students this summer to enhance their plant education.

You can start kids thinking even earlier by participating in the Missouri Community Forestry Council's Arbor Day Poster contest for 5th grade students. Contact Jon Skinner (jon.skinner@mdc.mo.gov) for details.



The website www.landscapeindustrycareers.org provides a good overview of many jobs in the tree care and nursery industry for you to share with a kid.

Web Review - Arbor Day Learning Hub

Education of kids about the environment makes them better caretakers of what we give them. Some may even be inspired and choose a career in the tree care or nursery industry. The Arbor Day Foundation has assembled a group of activities, guides and lesson plans to educate kids. Many are from Project Learning Tree (PLT). This means the education materials are designed to fit with many school education standards. Other non-profits including The Nature Conservancy, Learnforests.org (Oregon Forest Literacy Plan), the Forest History Society, Wildlife Conservation Society, and some government agencies have material listed there. The materials are for grades K - 12 creating a selection for nearly any group you work with.. Many are free. Check them out at: <https://www.arborday.org/programs/tree-campus-k-12/learning-hub.cfm>.



Tubakia leaf spot - *Tubakia dryina*

Tubakia leaf spot is a fungal infection of oaks. Trees in the red oak group are more often affected. The disease is most noticeable in late summer to fall. It is most prevalent in years with wet cool springs, like many other fungal issues.

The fungus overwinters on twigs and infected leaves. In the spring, it is moved to new foliage through rain splash and the wind. The fungus develops on the leaves as circular leaf spots 1/4 to 1/2 inch in diameter. Severe infections results in the leaf spots coalescing into irregularly shaped blotches. When infection damages enough of the leaf, the leaf may fall early from the tree.

There are no treatments for this fungus. I have not seen it as a annual pest in southwest Missouri, but occasionally as the appropriate conditions for an outbreak occur. Thankfully, the damage is late enough in the growing season to not be an health issue. The best advice is to maintain good tree health so it may be able to fight off the fungus. Additionally, removing infected leaves from a site will reduce inoculum for the next year from directly near the tree. Identification and pruning removal of infected branches is not reasonable due to difficulty in identifying the fungus in that state.



The one who plants trees, knowing that he or she will never sit in their shade, has at least started to understand the meaning of life.

~Rabindranath Tagore

June 3—4

American Conifer Society 2022 Central Region Conference and Conifer College, Dayton, OH. Information and Registration at: <https://conifersociety.org/news-events/event/2022-central-region-conference-and-conifer-college/>.

June 9

State MCFC meeting, Jefferson City, MO. Contact Kristi Werdenhouse (Kristi.Werdenhouse@mdc.mo.gov) if interested in attending.

June 21

ISA Certification Exam, Springfield, MO. Registration Deadline: June 3. Information at: www.isa-arbor.com/Credentials/Exam-Information.

June 25—26

2022 MW-ISA Tree Climbing Competition and Training Event, Parkville, MO. Check with MWISA for details at: <https://mwisa.org/tree-climbing-championship>.

September 12—14

ISA Annual Conference, Malmö, Sweden. Early Bird Registration due July 15. Check for more details at: <https://na.eventscloud.com/website/34982/home/>.

September 15—20

American Conifer Society 2022 National Meeting and Post-Meeting Tour, West Conshohocken, PA. Registration deadline August 15. Information and Registration at: <https://conifersociety.org/news-events/event/2022-national-meeting-save-the-date/>.

September 20—22

Trees and Utilities Conference, Milwaukee, WI. Early Bird Registration due June 21. Check for more details at: <https://treesandutilities.org>.

October 9—12

Environmental Concerns in Rights-of-Way Management: 13th International Symposium, Charlotte, NC. Learn more at: www.rights-of-way.org.

October 18—21

Professional Grounds Management Society (PGMS®) School of Grounds Management (SGM) 2022 Annual Conference, Louisville, KY. Early Bird Registration due August 15. Learn more at: <https://pgms.org/page/2022AnnualSGM>.

WHAT'S HAPPENING

“The Stump” website: <https://thestumpnewsletter.weebly.com>

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