



THE STUMP

INFORMATION BY THE BOARD FOOT

APRIL 2005

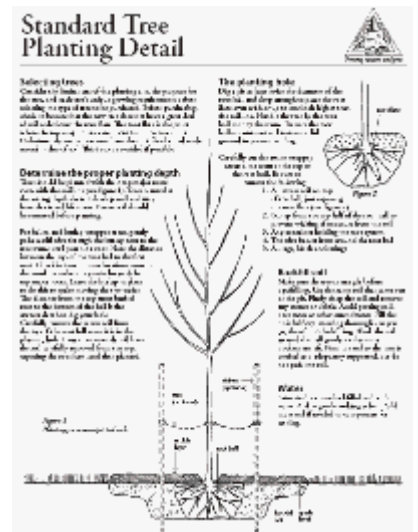
New Standard Tree Planting Detail Handout

KNOW THE HOLE NEWS

For the last several years I have been telling people about a root problem many trees have that is caused by us. This is Stem Girdling Roots (SGR). Most SGR's are preventable by changing the way we have planted trees for the last several decades.

This involves finding the root flare (the area where the roots and trunk meet resulting in a flare) in the soil ball, removing the soil above the flare, digging the hole only deep enough so that the flare is at or slightly above the surrounding ground, then filling and taking excess soil off site.

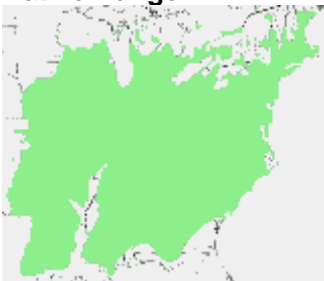
MDC has developed a new "Standard Tree Planting Detail" handout to show how this is done. This handout is free to Missouri residents and may be copied and distributed. You may download it from www.geocities.com/rocksandtrees/thestump/april2005/standardtreeplantingdetail.pdf or contact me for a paper copy.



black oak
Quercus velutina

Black oak is a medium, deciduous tree with a mature height of 50 to 60 feet and variable spread. Excellent for wildlife, it is also useful for landscaping. Appropriate for medium yards, the specie does best on moist soils. Several minor pests may affect this specie, though most do not cause problems until the specie hits "old age" of 100 to 150 years. At this point several insect and fungal specie attack the tree as it declines. This is a good alternative to northern red oak in appearance.

Native Range:



Plant illustration by Dale Larison, Missouri Department of Conservation

Range map modified from USDA Forest Service Silvics of North America Web site - www.na.fs.fed.us/spfo/pubs/silvics_manual/Volume_2/quercus/velutina.htm

Arbor Day



The first Friday in April is the official Arbor Day in Missouri, April 1, 2005, this year and National Arbor Day is the last Friday in April (April 29, 2005). This does not mean your community must celebrate Arbor Day then. Your community can set Arbor Day any day you prefer.

Need more information or ideas for Arbor Day? The National Arbor Day Foundation provides the history of Arbor Day, teaching materials (many free), celebration ideas, and a free booklet titled "Celebrate Arbor Day Guidebook" and more on their web site at www.arborday.org/arborday/.

Tree Coffins

Tree Coffins was a term I learned this last Missouri Community Forestry Council Conference to describe the small planting pits trees are forced to live in along our streets and in our sidewalks. This is a great analogy of what the tree is doing in this area. It lacks the rooting space needed to grow properly, thus it slowly dies.



community benefits from both.

The structural soil system will allow trees to be easily incorporated in parking lots, sidewalks, street medians, and other high traffic areas. To learn more about this innovation visit the Cornell Structural Soil site at www.hort.cornell.edu/uhi/outreach/csc/.

Cornell University has developed a new way to plant trees so they can not only survive, but thrive in these situations. The method is called structural soil. Structural soil not only allows the tree to be healthy, but allows the soil to be compacted to engineering standards for sidewalk overlays. The tree wins, the sidewalk is stable, and the

TRIM - Tree Resource Improvement and Maintenance Grant

TRIM applications were mailed out in late March 2005. These grant applications were sent to nearly every local government entity in Missouri. If you did not get an application, contact me and I will get you one.

TRIM grants are meant to encourage proper tree care and management. Several types of tree activities are eligible, but priority is given to ordinance development, management plan development, employee training, and others.

All applications must be signed by an MDC Forester by May 15, 2005 and postmarked by June 1, 2005 when sent to the MDC state office.

The history of past successful grants is that they received comment and assistance from their local MDC forester. This assistance was either direct or through a workshop. To provide this assistance, I will hold a TRIM Grant workshop on April 13, 2005. It will be held at Walter Woods Conservation Area at 9:30 AM until Noon. It is best if you have already started your application so we can address your specific questions. You must register for this workshop. Contact me at: Jon.Skinner@mdc.mo.gov or call 417-629-3423.

Web Site Review

It is that time of year when you are trying to decide what tree to plant. The Urban Trees and Shrubs site provides three slide sets (265 total slides) to assist with this decision. Each section provides the characteristics of highlighted plants and their recommended uses. Section I is “Selecting Deciduous Trees for Urban Areas”; Section II is “Selecting Deciduous Shrubs for Urban Areas”; and Section III is “Selecting Conifers for Urban Areas.” Check it out at www.na.fs.fed.us/spfo/pubs/uf/uts/index.htm



Plant A Tree

Trees are your cradle when you are born
Trees are the plow that tills your corn
The threshold over which to carry your bride
The table where she sits by your side
The warmth of the hearth on a cold winter eve
Trees are a gift of God I believe
Trees are the beds in which you lie
They are the coffins when you die.

-- Robertson and Futch



April 1
Missouri Arbor Day

April 11
Tree Selection and Planting Workshop, City Hall Council Chambers, Cassville, MO, 6:30 PM
Contact: Jon Skinner (Jon.Skinner@mdc.mo.gov), 417-629-3423

April 13
Tree Resource Improvement and Maintenance (TRIM) Grant Workshop, Walter Woods Conservation Area, Joplin, MO, 9:30 AM Registration Required Contact: Jon Skinner (Jon.Skinner@mdc.mo.gov), 417-629-3423

April 14
Missouri Community Forestry Council State Meeting, MDC State Office, Jefferson City, MO, 10:00 AM Contact: Justine Gartner (Justine.Gartner@mdc.mo.gov), 573-522-4115 Extn. 3116

April 14
Tree Selection and Planting Workshop, Walter Woods Conservation Area, Joplin, MO, 6:30 PM Contact: Jon Skinner (Jon.Skinner@mdc.mo.gov), 417-629-3423

April 16
Exeter Arbor Day, City Park, Exeter, MO, 9:00 AM Contact Kirk Wynns (janis-kirk@mo-net.com)

April 18
Tree Selection and Planting Workshop, Community Bldg., City Park, Greenfield, MO, 6:30 PM Contact: Jon Skinner (Jon.Skinner@mdc.mo.gov), 417-629-3423

April 18 - 20
Trees & Utilities National Conference, Embassy Suites-Downtown/Old Market, Omaha, NE Contact: Arbor Day Conferences (conferences@arborday.org), 888-448-7337, www.arborday.org/programs/conferences/treesandutilities/

April 27
ISA Certified Arborist Exam, Jefferson City, MO Contact: ISA (ISA@isa-arbor.org), Registration deadline April 11

April 29
National Arbor Day

May 13
ISA Certified Arborist Exam, Springfield, MO Contact: ISA (ISA@isa-arbor.org), Registration deadline April 27

May 23 - 25
Urban Wildlife Management National Conference, Arbor Day Farm, Lied Conference Center, Nebraska City, NE Contact: Arbor Day Conferences (conferences@arborday.org), 888-448-7337, www.arborday.org/programs/conferences/uwm/

May 25
ISA Certified Arborist Exam, Kansas City, MO Contact: ISA (ISA@isa-arbor.org), Registration deadline May 9

June 9
Missouri Community Forestry Council State Meeting, MDC State Office, Jefferson City, MO, 10:00 AM Contact: Justine Gartner (Justine.Gartner@mdc.mo.gov), 573-522-4115 Extn. 3116

If a tree dies, plant another in its place.

- Linnaeus

REFLECTION

Of all the trees that grow so fair...greater are none beneath the sun than the Oak and Ash and Thorn.

- Rudyard Kipling

WHAT'S HAPPENING

"The Stump" web Site: www.geocities.com/rocksandtrees/thestump/
To add or remove your subscription, update your address, change contact information, or convert from the paper to the email - web version of "The Stump", contact:

Jon Skinner
Urban Forester
Forestry Division
MO Dept. of Conservation
705 Illinois Ave., Ste. 6b
Joplin, MO 64801-5065
417-629-3423
Jon.Skinner@mdc.mo.gov



Use of names of commercial products or organizations does not imply an endorsement or recommendation by the Missouri Department of Conservation