Insect and Disease Seminars

Insects and Diseases are constantly looking for a tree to attack. Some are even new and exotic to our area. As tree professionals working as arborists, nurserymen, landscapers, and public servants we must constantly educate ourselves about these challenges to tree health. This workshop is being held to help you review and learn new information about harmful insects and diseases that may affect trees you work with. You and your co-workers are encouraged to attend.

The FREE seminars will be February 26, 1:30 - 4 PM at Wildcat Glades Conservation & Audubon Center, 201 W. Riviera Dr., Joplin, MO and February 27, 9:30 AM - Noon at the Springfield Nature Center, 4601 S Nature Center Way, Springfield. Two ISA CEU’s and two SAF CFE’s are available. Registration is required for these free seminars. Register for the Springfield seminar by calling 417-895-6880 and the Joplin seminar by calling 417-629-3423 or email jon.skinner@mdc.mo.gov.

MCFC Conference and Tree Management Workshop - There is Still Time to Register.

It is too late for the MCFC conference. early bird registration rate, but at $190 through Feb. 11 it is still a great rate to learn from nationally know speakers, and network with the states most active tree enthusiasts while staying close to home in Joplin. Get more information at: www.mocommunitytrees.com.

Professor Gilman will present at the free Tree Management Workshop the morning of March 5, 8:30—11: 30 AM. Registration is required and limited to space available. Register by either calling 417-629-3423 or email jon.skinner@mdc.mo.gov.

The Drought Continues

This summer we had a bad drought, crops and grass withered, streams ran low or dry, and trees died. Without water supplied by people, many more trees in our communities would have died, especially the newly planted. We are still in a Severe Drought level according to the U.S. Drought Monitor (http://www.droughtmonitor.unl.edu/DM_state.htm?MO,MW) and it is expected to persist or intensify according to the U.S. Seasonal Drought Outlook (http://www.cpc.ncep.noaa.gov/products/expert_assessment/seasonal_drought.html).

You need to be watering recently planted or water using trees, like conifers, during the winter when the ground is not frozen. These plants are at greater risk from lack of water then dormant established trees.

Drought stresses a tree making it susceptible to attack by insect and disease. There is no magic bullet to help other than ensuring growing conditions are as good as possible. On occasion, as needed, pesticide treatments may be called for to assist the tree fend off an attack. Trees will be dealing with the drought stress and secondary pests for years.

ANSI A300 Part 7 for 2012


Anyone involved in the vegetation management / utility portion of the arboriculture industry should be very familiar with these revised standards. They may be ordered from the TCIA store (https://secure.tcia.org/Core/Orders/product.aspx?prodId=592&catId=22).
Web Site Review - Purdue Tree Doctor App for i-Phone/i-Pod

Purdue Tree Doctor is packed with information on 175 tree problems on over 60 kinds of trees common to the midwest and northeast. The app can assist diagnoses by knowing the tree and using high resolution images or go directly to management tips if the problem is known. Once downloaded, the 250 mb app does not require an internet connection.


Pest Highlight - scale

Scale insects are common and often overlooked pests. They thrive when a tree is stressed (like after storm damage or drought). There are two basic types of scale, Armored and Soft. Both suck juices from a tree.

Armored scales generally have a covering over them and suck juices by pushing their straw like mouth parts around like a plumbers snake to burst cells and suck the contents on plant parts. Soft scales also have a cover, but emit honeydew and utilize plants parts that directly transport fluids and nutrients.

Both have natural predators that should be considered when selecting a control option. Horticultural (dormant) oil and insecticidal soap have the least impact on other insects. The University of Missouri Extension (http://extension.missouri.edu/p/g7274) and Purdue University Extension (http://extension.entm.purdue.edu/publications/E-29.pdf) have good publications on these pests.

February 1

Early Bird Deadline MCFC Annual Conference!, Joplin, MO  www.mocommunitytrees.com

February 6 - 8


February 22


February 23


February 26

Insect and Disease Seminar, 1:30 - 4 PM, Wildcat Glades Conservation & Audubon Center, Joplin, MO, register by calling 417-629-3423 or email jon.skinner@mdc.mo.gov

February 26 - March 1


February 27

Insect and Disease Seminar, 9:30 - Noon, Springfield Nature Center, Springfield, MO, register by calling 417-895-6880

February 28

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

March 5

Tree Management Workshop, 8:30 - 11:30 AM, Wildcat Glades Conservation & Audubon Center, Joplin, MO, FREE! Registration Required! Call 417-629-3423 or email jon.skinner@mdc.mo.gov

March 5 - 7

MCFC Annual Conference, Holiday Inn Hotel and Convention Center, Joplin, MO,  For information visit  www.mocommunitytrees.com

March 28

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

Who leaves the pine-tree, leaves his friend, Unnerves his strength, invites his end.

~Ralph Waldo Emerson, “Woodnotes”

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