

A Plant Health Care Workshop...

Treating the Problems, Not the Symptoms

A Minnesota Shade Tree Short Course (STSC) and Minnesota Turf and Grounds Foundation (MTGF) Production

Date? July 7, 2016.

Time? 8:30 a.m. until 4:30 p.m.

Location? University of Minnesota, Saint Paul campus, Plant Growth Facilities.

Fee? \$145.00.

Registration? Submit the attached registration form with checks or purchase orders (no credit cards) payable to MTGF and mail to: MTGF, Attn: Plant Health Care Workshop, P.O. Box 617, Wayzata, MN 55391.

CEUs? 7.0 Certified Arborist CEUS, MN Tree Inspector Recertification.

Other? Light refreshments morning and afternoon, box lunch from Nelson's, end of day "Happy Hour" and review at the Urban Forestry Outreach, Research and Extension nursery.

Instructors: **Michelle Grabowski**, Extension Plant Pathologist, UMN

Jeff Hahn, Extension Entomologist, UMN

Ben Johnson, Consulting Arborist and BCMA

Gary Johnson, Extension Professor, Forest Resources, UMN; Certified TI and ISA/CA

Eric North, Research Fellow, Forest Resources, UMN; Certified TI and ISA/CA

Target Audience:

This workshop is designed for the experienced arborist, urban forester, property manager, tree health care consultants. Both tree and shrub health will be the focus.

Curriculum: 50:50. Half of the course will be held in the classroom with discussions on an IPM approach to managing urban landscapes by establishing and recognizing thresholds, key plant/key problem analysis, pest and pathogen management tactics including non-chemical options, and developing a scouting plan. Dynamic and static demonstrations of using dendrochronology to detect tree health patterns will be available.

The afternoon outdoor demonstrations will revolve around four "treatment and management stations:" 1) developing an IPM and scouting plan to control invasive pests and pathogens, 2) coring trees for a deeper understanding of health and performance, 3) conducting root collar exams and treating SGRs and/or SERs, soil replacement treatments, vertical mulching, trenching for root expansion and determining strength loss due to decay, and 4) Best Injection Practices for DED, EAB, BOB and oak wilt.

A minimum of 25 participants must be registered by June 29

