Location

Lincoln Land Community College
5250 Shepherd Rd
Springfield, IL 62702
Millennium Center Room 2203

Instructor: Bill Bolt, Consulting Arborist

Upon completion of the Abiotic Stresses module, each participant will gain knowledge of the following:

- A better understanding of common abiotic stresses on woody plants
- The ability to differentiate between abiotic, biotic and look-a-like disorders
- Skills essential to the diagnostic and decision making process
- A better understanding of tools to aid the arborist while diagnosing plant problems

This class is worth 10 CEUs

Illinois Arborist Association
PO Box 860
Antioch, IL 60002

The Illinois Arborist Association presents…

Abiotic Problems

A module of the "Pest Diagnosis & Management" Advanced Qualification Domain

Saturday's,
September 19 & 26, 2015

9:00AM—3:30PM
Lincoln Land Community College
Springfield, IL



Www.illinoisarborist.org

Course Highlights

This IAA Qualification Course will provide an in-depth study of common abiotic stresses on trees and woody plants. We will discuss specific abiotic disorders associated with environmental conditions, nutrient deficiencies, chemical injury, animal and mechanical damage along with various other stresses people inflict on plants. We will also cover diagnostic skills needed to recognize these stresses and suggest remedies to correct, minimize or prevent these problems. We will discuss the importance of laboratory analysis of soil, water and tissue samples in properly diagnosing plant problems.

There will be afternoon field trips to hone your diagnostic and decision making skills. We will diagnose common abiotic stresses and look-alike disorders. During the outdoor sessions we will also evaluate various signs and symptoms, site conditions and plant history, so that we can accurately identify the cause of the problem. We will focus on the types of stresses that predispose trees to decline. Materials will be covered through power point slides and field demonstrations. A 20 question multiple choice quiz will be given at the end of class.

Recommended reading: *Abiotic Disorders of Landscape Plants, A Diagnostic Guide,* Lawrence R. Costello. Edward J. Perry, Nelda P. Matheny, J. Michael Henry, Pamela M. Geisel, 2003.

Abiotic Stresses

Deadline for registration is September 11, 2015 **Member Cost: $150 Non-Member Cost: $190**

Name:_____

Company:_____

Address:_____

City-Zip:_____

Phone:_____ Fax:_____

E-mail:_____ Certification #:_____

Check #:_____ Amount $_____

Visa or MasterCard

Card Number:_____

Expiration Date:_____

Name on Card: _____

Please enclose payment made payable to:

Illinois Arborist Association
PO Box 860
Antioch, IL 60002
Or fax to: 262-857-6677
Phone: 877-617-8887

About the IAA Advanced Qualification Program

This class is an required module for the Advanced Qualification domain “Pest Diagnosis and Management.” This domain will provide additional training on proper plant selection, proper plant identification and knowledge of the site requirements for the plant.

A Certified Arborist interested in the Advanced Qualification domain will need to complete four required modules plus one elective.

Pest Diagnosis & Management Modules

- **Insect and Mite Pests**—*Required*
- **Tree Diseases**—*Required*
- **Abiotic Stresses—***Required*
- **Pesticide Safety and Application**—*Required*
- Introduction to PHC/IPM—*Elective*
- Soils and Nutrient Management—*Elective*