



EAB INJECTION AND TREE PHYSIOLOGY WORKSHOP

The Nebraska Arborists Association is presenting a day and a half workshop on injecting trees. Fungicides were injected into Elms to prevent Dutch Elm Disease. Some were gravity feed and others were pressurized systems. Many other chemicals have been injected into trees and some were very harmful: wood alcohol, turpentine, nitrogen. When we are able to get a chemical to move in a tree, where does it move, how fast, is it the same for all species of trees, how long does it last, how do we get more in, how do we do less damage to the tree? Register for this training class today, to learn more about tree injections. You will also learn more about the detailed anatomy make up of a tree.

MONDAY, MAY 8, 2017

SESSION 1: THE ANATOMY OF WOOD - 2.0 CEUS

LOCATION: Lancaster Event Center - Lancaster Room, 4100 N 84th St, Lincoln, NE 68507

TIME: Monday, May 8, 10:00 a.m. - Noon

A photo guide to *Tree Anatomy* by Alex Shigo, pages 30, 31, 32, 36, 40, 41, 42, 45, 49, 51 are required reading before the class. A copy of the book is included in the price of the class and is available for pick up at the NAA office and Lancaster County Extension office.

Instructor: *Phil Pierce*

Differences between 'heart wood' and 'sap wood'. The movement of water in the tree. The tree's reaction to wounding. A look at samples of old trunk injections.

Instructor: *Dr. Mark Harrell*

How to get the proper dose in a tree? Interpret manufactures directions, tree measurement, injection system problems: phytotoxicity, carrier verses pesticide, too much vs not enough, slime flux.

SESSION 2: TREE INJECTION TYPES AND PROCEDURES - 3.0 CEUS

LOCATION: Mahoney Park, 70th & Fremont, Lincoln, NE

TIME: Monday, May 8, 1:30 - 4:30 PM

Inject red dye into small trees by many methods: Arborsystem's wedgle, Arborjet, Mauget, Rainbow's injectors, Chemjet, Downward slanted holes, High Volume through 1/8 inch "T's"

As each tree is being injected we will explain what we are doing and some of the problems with getting the correct dosage in the tree. End with the peeling of half the bark off a live tree and introducing red food dye to see how fast it moves up the tree trunk.

TUESDAY, MAY 9, 2017

SESSION 3: DISSECTING THE INJECTED TREES - 2.0 CEUS

LOCATION: Mahoney Park, 70th & Fremont, Lincoln, NE

TIME: Tuesday, May 9, 1:30 p.m. - 3:30 p.m.

Break into groups to peel the bark off of each tree and cut into sections that can be split open. As a group, look at the different wounds and red dye (chemical) movement.

LANCASTER EVENT CENTER

Lancaster Room
4100 N 84th St,
Lincoln, NE 68507

MAHONEY PARK

70th & Fremont,
Lincoln, NE

REGISTRATION DEADLINE

APRIL 28, 2017



2017 EAB INJECTION AND TREE PHYSIOLOGY WORKSHOP

May 8-9, 2017

*To register, complete the registration form & mail to Nebraska Arborists Association,
☎ fax to 402.761.2224 or email: staff@nearborists.org. You cannot register by phone.
Questions? Call (402) 761-2219.*

Name(s) _____

Company _____

Address _____ City _____ ST _____ Zip _____

Daytime Phone () _____ Email _____

Member Seven Hour Workshop, Workbook Included - \$150 \$ _____

Non-Member Seven Hour Workshop, Workbook Included - \$225 \$ _____

TOTAL ENCLOSED \$ _____

When you provide a check as payment, you authorize us either to use information from your check to make a one-time electronic fund transfer from your account or to process the payment as a check transaction. When we use information from your check to make an electronic fund transfer, funds may be withdrawn from your account as soon as the same day we receive your payment, and you will not receive your check back from your financial institution.

Please return registration form & payment to:

NAA Office, 521 First Street, Milford, NE 68405 or email to: staff@nearborists.org

Send check, payable to Nebraska Arborists Association, to:

NAA, 521 First Street, Milford, NE 68405 or:

Please bill my VISA MASTERCARD for the total of \$ _____

Name as it appears on card: _____

Card Number _____ Exp. Date _____

Signature Authorization _____

Cancellation Policy: A refund, less a \$10 administrative fee and cost of workbook will be given for all written requests postmarked by April 24, 2017. Requests received after that date will be reviewed by the NAA Board of Directors. In the unlikely event the training is cancelled due to uncontrollable circumstances, your payment will be considered a donation to the NAA.

Nebraska Arborists Association
521 First Street, Milford, NE 68405
Phone: (402) 761-2219 Fax: 402.761.2224