



Trees Stay Healthy

When we educate ourselves and

Pick the right Tree
For the right Place

The UT Forest Resources AgResearch and Education Center and the City of Oak Ridge Environmental Quality Advisory Board (EQAB) Invites the public to attend a Tree Workshop

8:30 Registration (Coffee, Water, Donuts)

9:00 Welcome, Kevin Hoyt, Director of UT Forest
Resources AgResearch and Education Center

9:15 Workshops (select one)

- Picking the Right Tree for the Right Location-
Kasey Krouse, Arborist for City of Knoxville
- Tree Pruning- David Vandergriff, Knox County
Extension Agent
- Controlling the Ash Borer- Jerome Grant, UTK
Entomology Dept.

10:30 15 minute break

10:45 Workshops (select one)

- Oak Ridge Urban Forest Mgt. Plan and Canopy
Study- Thomas Jennings, UTK and Tom
Simpson, Urban Forester for TN Dept. of
Agriculture
- Planting to encourage pollinators - Jamie Herold,
plant ecologist from ORNL
- Controlling Invasive Plants and Pests- Greg Byrd,
ORNL Reservation Forester

Noon- Workshop Ends

12:30 Mini-Field Tour of the Arboretum
Harold Elmore Holly Collection



Why Trees Matter

- A large healthy tree produces enough oxygen a day for 18 people
- Trees around your home save energy by shading our homes and offices,
- Trees reduce storm water run off and keep our lakes and rivers clean
- **Trees** create an ecosystem to provide habitat and food for birds and other animals.
- Trees prevent soil erosion
- A tree is a natural air conditioner. Trees release water vapor into the air, cooling our homes and streets
- Trees increase property values
- Trees block noise
- Their beauty calms us

“The Emerald Ash Borer has caused significant tree mortality and decline in Ash trees. The early signs of devastation are already apparent along the west end of Oak Ridge. Early detection and early treatment are vital to saving this tree population.



Oak Ridge's Urban Forest

- An Urban Forest inventory was conducted in several areas of Oak Ridge.
- Species distribution was evaluated
- Monetary benefits were estimated
- Established the basis for a City Tree Plan that will form the foundation of a city tree care program, which is in draft form

Tree Canopy Report

- An analysis of the tree canopy in Oak Ridge was completed in 2016.
- Oak Ridge has the second highest tree canopy of any city in Tennessee.
- Oak Ridge's impervious surfaces have increased
- There are areas of Oak Ridge with loss of canopy due to development sites.

Pollinators

- 75% of all flowering plants rely on animal pollinators, including birds, bees, and even some bats.
- Successful pollination produces seeds and fruits
- Pesticides can kill more than pests
- Honey bees pollinate approximately \$10 billion worth of crops in the United States each year, and are in decline
- Why native trees and plants are so important in your back yard