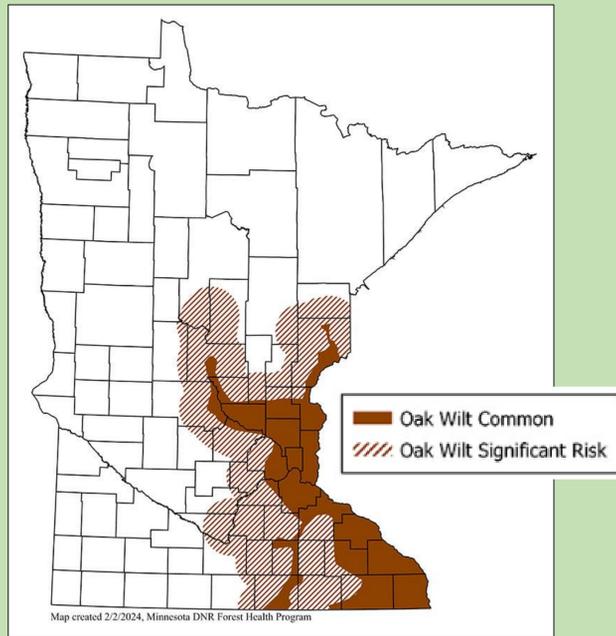


Anoka Nature Preserve Forest Habitat Enhancement

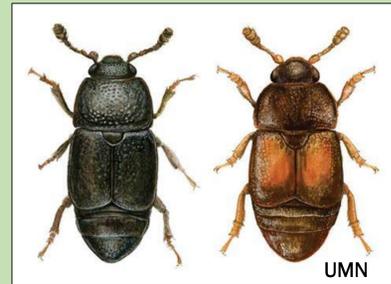
A collaborative effort to encourage forest regeneration by planting a diversity of native tree species to eventually replace trees impacted by Oak Wilt.

Oak Wilt

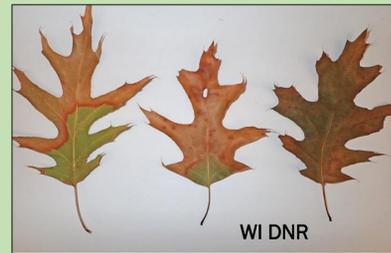
Oak Wilt is a fungal disease that affects all species of oak trees. It is spread by sap beetles and through the tree's root systems. The disease affects Oak species differently; it can kill Red Oak trees in 2-3 months whereas White Oaks can live up to 20 years after becoming infested.



Oak Wilt distribution in 40 MN Counties (MN DNR)



Sap Beetles (*Carpophilus sayi*)



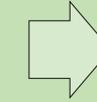
Oak wilt affected leaves

Project Description & Timeline

Site Preparation
2024-2025



Tree Planting
Fall 2026



Watering and
Monitoring
2026-2027

Buckthorn and noxious weeds will be treated to reduce competition for desirable native plants

Staff and volunteers will plant new trees in openings left by Oak Wilt affected canopy

Trees will be watered for two growing seasons and replaced if they don't survive

Prevent the Spread of Oak Wilt!

Contain the spread of Oak Wilt with the following actions:

- Avoid cutting/pruning Oak trees from April 1 - July 31 as sap beetles are most active during this time.
- Treat spring and summer tree wounds with a water based paint or pruning wound sealer to avoid attracting sap beetles.
- Do not transport freshly cut oak firewood off site.

Resources & Volunteer Sign-Up

Scan the QR code for:

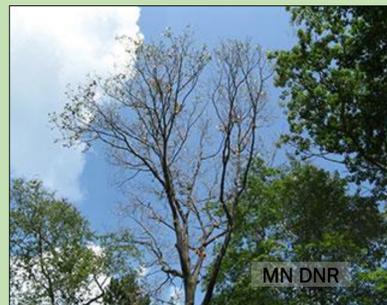
- Resources on Oak Wilt management and prevention
- Tree planting sign-up



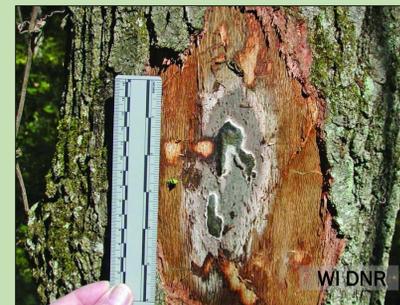
Escanee el código QR para obtener recursos sobre marchitamiento del roble.

Importance of Forest Canopy Structure

This project at Anoka Nature Preserve seeks to improve the diversity of tree species and ages in the woodland areas. The current canopy consists of old oaks of a similar age, many of which are being damaged by Oak Wilt. Planting multiple tree species will help the forest become more resilient to disease and the younger trees will help replace the canopy as oaks die.



Oak Wilt canopy damage



Oak Wilt fungus mat



Project funding provided by the MN Department of Natural Resources ReLeaf Community Forestry Grant.