

# Caring for Your Ash

With over 1 billion ash trees in Minnesota, they are an essential component of urban and rural landscapes. Known for their graceful appearance and sturdy wood, these deciduous trees are native to the region and can be found in various habitats throughout the state. Minnesota is home to several species of ash trees, with the most common being green, black, and white ash.

In the urban ecosystem, oak trees are susceptible to several common health issues and can benefit greatly from care practices that help them thrive on your property.

## Common Health Issues to Look For

Tree Health Issue	Symptom You May See
Emerald ash borer	Dead branches from top
Anthrachnose	Irregular dead patches on leaves
Nutrient deficiency	Early yellowing leaves



Green ash



White ash

## Ash Care Best Practices

Keeping your ash trees healthy is the first step in enjoying their benefits for years to come. Urban trees endure many stressors that compromise their health. Along with regular watering and mulching, the following treatments are recommended for ultimate tree resilience.

### GOOD

- Proper Watering
- Mulching
- Emerald Ash Borer Protection

### BETTER

- Proper Watering
- Mulching
- Emerald Ash Borer Protection
- Tree Growth Regulator: Cambistat®

### BEST

- Proper Watering
- Mulching
- Emerald Ash Borer Protection
- Tree Growth Regulator: Cambistat®
- Root Enhancement Service

See back page for service descriptions.

# Ash Care Terms and Tips

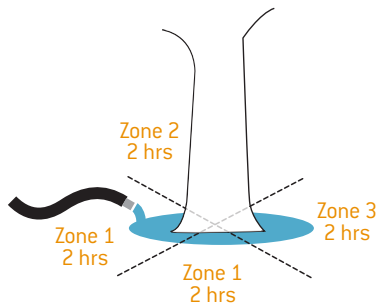
## Proper Watering

After multiple years of drought conditions Minnesota trees need additional care to keep them healthy and strong. Watering is the most important way to help. Follow one of these 3 methods to keep your trees properly watered. *Repeat weekly during summer if not receiving at least 0.5" of rain.*

### METHOD 1

#### **GARDEN HOSE**

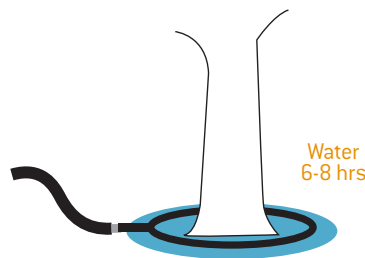
Set to trickle (more than a drip and less than a gurgle). Divide the tree area into 4 zones. Position the hose 2-3 feet from the trunk in Zone 1 and let water soak for 2 hours. Repeat for all sections.



### METHOD 2

#### **SOAKER HOSE**

Wrap the hose around the base of the tree at least 1-2 feet from the trunk. Water 6-8 hours.

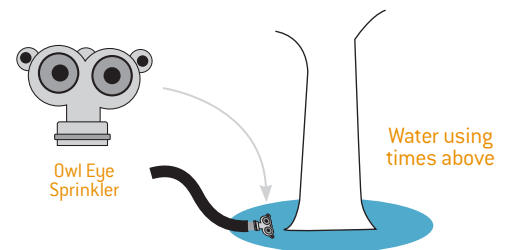


### METHOD 3

#### **OWL EYES SPRINKLER**

Place under the tree about 2-3 feet from the base and water until soil feels moist, but not saturated.

- 15 minutes for a 10" diameter tree
- 20 minutes for a 15" diameter tree
- 30 minutes for a 20" or larger diameter tree



## Mulching

Mulching is a way around several stressors common to our suburban and urban trees. Studies have shown that trees can grow up to five times more fine roots under mulch than they would under turf grass, which helps them find and uptake water and nutrients in the soil more efficiently.

## Emerald Ash Borer Protection

As emerald ash borer moves through the Twin Cities, ash trees must be protected against this pest, or they risk death. Treatments are injected in the trunk of the tree and provide protection for two years.

## Tree Growth Regulator: Cambistat

This service increases a tree's resiliency through fine root production, stronger leaf tissue, and defense compounds to help against pests and disease.

## Root Enhancement Service

Urban trees are faced with compacted soils and poor soil conditions that they wouldn't encounter in the forest. Our Root Enhancement Service promotes root growth and improved tree health by replicating forest soils with organic matter and creating the perfect growing environment.