

# Emerald Ash Borer Fact Sheet

## STEP 1: Is my tree an ash tree?

Bark of mature ash tree has a diamond-like pattern



### ASH TREES HAVE:



Opposite Branching



Compound Leaves



5 to Many Leaflets

Leaves are compound with five to eleven leaflets



## STEP 2: Is my ash tree healthy?

Healthy, mature green ash



Declining ash tree



Infested ash tree



## STEP 3: Does my tree have EAB?

D-shaped exit hole



S-shaped larvae tunneling under the bark



S-shaped galleries



Woodpecker holes may indicate EAB presence



## STEP 4: What can I do if my tree is infested?

- When it comes to Emerald Ash Borer (EAB) and how to manage the ash tree there are two choices: treat or remove. EAB will kill all ash trees if it is not treated. The first part of the management process is to assess the health of the ash tree. You can do this yourself or contact a professional arborist.
- Assess the health of the tree and determine the tree's significance to the property.
- If you have determined that the tree is in good health, (i.e., 30%+ of the crown is healthy), is in a perfect location in your yard, provides much needed shade, then consider treating this tree.
- If, however, the ash tree has been dropping branches, has more than 30% leaves (crown) in decline, is not in a good location, then consider removing the tree.
- The property owner is responsible for the care of the trees within their property lines. That means you need to make the decision whether you will treat the tree OR remove the tree.

## STEP 5: Should I remove or treat the tree?

### Pesticide Treatment

If you choose to have your ash tree treated, follow the best management practices listed below:

- The tree's health condition meets treatment criteria.
- A licensed contractor treats the tree using best management practices.
- The contractor must tag the treated tree.

The City of Roseville believes the current best management practice is to treat the ash tree by trunk injection method using a pesticide containing emamectin benzoate, which kills the insect.

The best time of year to treat an ash tree is in the spring. It is recommended that trunk injection treatments be performed every two years for the life of the tree, when using a pesticide containing emamectin benzoate.

### Removal Requirements

City of Roseville requirements for proper tree removal:

- The entire tree must be removed from the property.
- The tree removal contractor must be licensed to work in the City of Roseville.
- A list of city licensed tree removal contractors is available at [www.cityofroseville.com/treeremoval](http://www.cityofroseville.com/treeremoval).
- Unless otherwise necessary, the infested ash tree should be removed between September 1 to May 1.

For further information about EAB:

- [www.cityofroseville.com/treeremoval](http://www.cityofroseville.com/treeremoval)
- MDA: [www.mda.state.mn.us](http://www.mda.state.mn.us)
- MNDNR: [www.dnr.state.mn.us](http://www.dnr.state.mn.us)
- U OF MN: [www.myminnesotawoods.umn.edu/eab-risk/](http://www.myminnesotawoods.umn.edu/eab-risk/)
- [www.emeraldashborer.info](http://www.emeraldashborer.info)