

Your ash trees are under attack.

**Find out what
you can do to
fight back
against**



EAB.

We can help.



“The only **ash trees**
left standing a few years
from now will be the
ones that have been
protected.”

-Jesse Zieminski



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The EAB invasion is here.

Emerald Ash Borer or EAB has invaded southeast Wisconsin with a vengeance. The insect, which was first discovered in Detroit, Michigan in 2002, has been labeled the most destructive forest pest ever seen in North America.

What do they look like?

The adult beetle is a dark, metallic green. It is skinny and about a 1/4 inch long. They lay eggs on the tree bark. The damage occurs when the larvae hatch and feed on the inner bark or cambium of ash trees. This disrupts the tree's ability to receive water and nutrients, and will eventually kill the tree.

Have you seen these beetles on your trees?

What do we stand to lose?

EAB has killed tens of millions of ash trees. So what's at stake?

- 800 million ash trees in Wisconsin
- Eight billion ash trees in U.S. forests

American Forests, the nonprofit conservation organization, estimates that the financial loss caused by EAB is more than \$280 billion dollars.

Can EAB be stopped?

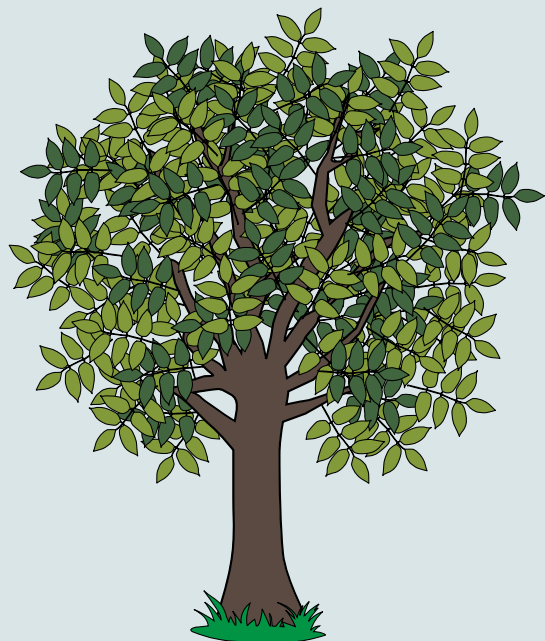
No, but there are ways to slow the spread of the infestation to save ash trees.

- Don't move firewood from an EAB quarantined county to a non-quarantined county.
- Ash trees can be saved through treatment programs, but not all trees are worth the cost of being protected.



Do you have ash trees on your property?

It can be difficult to properly identify an ash tree. When in doubt, call ATE for a free consultation.



HEALTHY ASH TREE

1 Inspect the trunk

- The adult beetle lays eggs, and they hatch. Once the larvae have matured and emerge from the tree as an adult, the beetle leaves a small "D"-shaped exit hole in the bark, about an 1/8 inch in diameter.
- Look for vertical splits in the bark as well



2 An "S" pattern in your tree

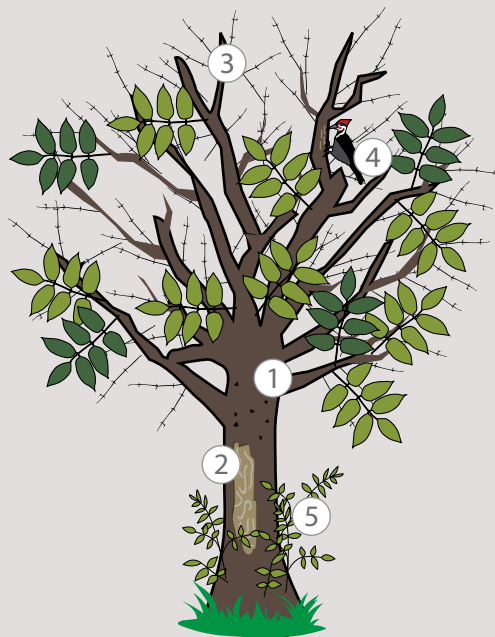
- As larvae move through a tree, they will feed on the inner bark or cambium, creating an "S" shaped pattern.



Signs of EAB in your trees

3 Thinning canopy

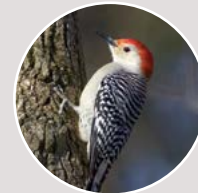
- EAB cuts off a tree's water and nutrient supply, so the trunk and major branches cannot deliver nourishment to the top of the tree, which is where you'll see the first sign of dieback.



INFESTED ASH TREE

4 Heavy woodpecker activity

- Woodpeckers eat EAB larvae, so if these birds are on your ash trees, it's a sign of infestation.
- Woodpeckers will strip off pieces of bark, leaving areas of lighter colored bark distributed throughout the tree.



5 Water sprouts at the trunk base

- As the tree declines, 'water sprouts,' or new young branches, will sprout from the base of the tree and on the trunk.



Consult with American Tree Experts (ATE)



It's important to work with professional arborists who are trained to provide the best advice for overall tree care. We follow the high standards of the International Society of Arboriculture, (ISA).

American Tree Experts has ISA Board Certified and Certified Arborists on staff with certifications in pesticide application to help manage trees infested by EAB.

We are a fully insured tree care company with more than 65 years of history to our name.

Our written proposal will detail the EAB services offered, including the chemicals used and the custom treatment plan, or the removal and disposal of untreated trees.

Our method for treating EAB

American Tree Experts offers the most effective treatment options to control Emerald Ash Borer. We'll work with you to develop a management plan for the ash trees on your property.



Treatment Options

There are a few different treatment options but the most common method involves injecting an insecticide directly into the tree. This cost effective method will last two years and provides 98% control. Depending on the situation, other methods may be more suitable and will be considered based on a number of factors.

The sooner that a tree is targeted for a treatment plan, the better.



Tree Removal

If more than one-third of the canopy on the tree is dead, it's recommended to remove it.

If an infested tree remains in the landscape, it will quickly become a risk as it rapidly decays, posing a hazard to people and property.

Tree and stump removal is hazardous work. If this becomes the only option for an EAB infested tree, our experts will take care to remove the tree safely, keeping in mind your property and budget. Our professional arborists have the skills and the equipment to manage all facets of the removal, from setting up the rigging systems to stump removal.



Tree Replacement

We can offer suggestions to replace a dying tree. There are many types of trees that offer similar benefits to ash, including species with fewer insect and disease problems, those that are highly tolerant to urban conditions and an excellent shade source in the summer.

How much will it cost? Treatment vs. removal

An effective treatment plan for EAB is meant to care for the tree throughout its lifetime. That cost could end up being the same as removing and replacing a tree. If the tree can be saved, is valuable to you, and adds value to your property, it may be well worth the investment.

ATE's ISA Certified Arborists can inspect your ash trees and provide a cost analysis to help you better understand the financial implications of treatment or removal.

For more information

American Tree Experts
www.atetreecare.com

International Society of Arboriculture (ISA) "Trees are Good"
www.treesaregood.org

Wisconsin Arborists Association
www.waa-isa.org

Wisconsin Emerald Ash Borer Resource Guide
www.emeraldashborer.wi.gov

“EAB is here.
NOW is the time to
decide the next steps for
your **ash trees.**”

-Jesse Zieminski





Celebrating more than 65 years, American Tree Experts is a family-owned, full-service tree care provider in southeast Wisconsin. Today, our certified arborists help more than 4,000 home owners and businesses ensure the health, safety, and beauty of their trees.

262.542.0404 atetreecare.com

