HOW EMERALD ASH BORER KILLS AN ASH TREE:

A healthy ash tree will transport water through this year’s growth ring. (shown in blue)

The larvae of the beetles eat the growth rings (called ‘xylem’) under the bark of the tree.

Each year, more of the xylem is eaten by the larvae so less water is reaching the leaves.

Symptoms of decline often don’t appear until the third year of infestation.

The adults beetles will continue to lay eggs on the same tree until that tree is dead.

A heavily infested tree can no longer transport water and the tree dies. The beetles will move on to the next ash tree.
EMERALD ASH BORER: WHEN TO TREAT AND WITH WHAT

While EAB will kill ash trees, there are options for protecting our trees. There are many products available that can save trees from this pest, including organic treatments. Having a Certified Arborist come out to determine if your tree is a candidate for preservation is recommended. Professional treatments can protect for one to two seasons and over-the-counter treatments are available at garden centers. When selecting a treatment to apply yourself, be sure to check label rates, as not all products will protect all sizes of ash trees.

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<td>Treat for this year</td>
<td>Treat for this year and next year</td>
<td>Preventive and therapeutic treatments</td>
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**PROFESSIONAL TREATMENTS**

**Xytect**
soil application

**Transtect**
bark spray, soil application

**TREE-age**
tree injection

**TREEAzin**
tree injection