



2018 Emerald Ash Borer Injection Program



What is Emerald Ash Borer?

EAB is native to Asia where it is a secondary insect with natural predators that control its population levels, similar to many of our native insects. Here in the United States there are no natural predators and EAB populations explode and cause devastating tree loss. EAB attacks and kills all living ash tree species, healthy or stressed trees.

EAB has killed millions of ash trees where it has become established. Ash trees are a significant part of Minnesota forests and a common species on city boulevards and private landscapes. Ash trees were frequently planted to replace elm trees lost to Dutch elm disease in the late 1970's and 80's. Many experts claim EAB tree loss and associated costs will surpass that of Dutch elm disease.

EAB is difficult to diagnose in early stages and can be established in a tree for 2-3 years before symptoms are apparent.

What can I do to protect the ash tree on my property or street boulevard?

The tree injection treatment is the most effective option for protecting ash trees against Emerald ash borer. Research shows the injections are effective for a two year period, with some stretching out to three years.

Why is the City offering this pilot program?

The injection treatment method is preferred over others because all chemicals remain in the tree, with no potential to pollute groundwater or runoff into lakes, wetlands, or the stormwater system.

What else should I know?

- Although studies have shown the trunk injection method to be the most effective treatment for the Emerald ash borer, the City does **not** guarantee the effectiveness of the treatment, future pricing offers, or any other City responsibilities for the treated tree(s). Ash trees can still decline or die from other problems or diseases. If the tree dies for any reason, the City is not liable for removal, replacement, or refunds.
- The City does not recommend treating trees which show more than 30% canopy decline or any visible EAB symptoms.
- Injections of ash trees should only be done during the growing season (leaf on conditions) and when temperatures are below 90 degrees F.
- Residents are free to hire other licensed tree contractors to perform this work.

What price can I expect to pay for a tree injection?

The City received quotes from licensed tree contractors to treat trees on City owned property and asked if they would extend their price to private property owners in Apple Valley during the 2018 growing season.

The lowest qualifying quote received for EAB injections was \$5.50 per inch of diameter measured 4.5' above the ground (at chest height) for all ash trees measuring 35" in diameter and lower.

Larger trees will require a special bid from the tree company, as they take more chemical.

The City does not endorse companies for hire by property owners. The City is providing this information as general information for property owners to consider when hiring a licensed tree contractor to perform EAB tree injections on their private property.

What is eligible?

Private Property Ash Trees

Any ash tree on private property a resident or homeowners association wishes to have injected is eligible.

Boulevard or Right of Way Ash Trees (City-owned)

Property owners with boulevard ash trees within the street right-of-way (generally within about 13 feet of the public street) may choose to inject the tree(s) at their own cost and risk if:

1. The owner notifies the City and the City verifies that the tree is in good health and not already infested; and
2. The City verifies the tree is not causing sidewalk, curb, or other infrastructure hazards before treatment; and
3. The owner utilizes the trunk injection method by a licensed pesticide applicator; and
4. The tree is tagged with the date of treatment.

The City is not liable for any payments or refunds if the tree is damaged or removed after injections are complete.

Sounds great! How do I start?

Contact the company below for a quote and to schedule the work.

Birch Tree Care	651-317-4080	\$5.50/inch
	*Special bid for trees over 35" in diameter	

Ask for the Apple Valley resident rate above. Again, residents are free to hire other licensed tree contractors to perform this work.

If you believe all four conditions are met for your boulevard tree located within the public right-of-way, please contact the Natural Resources Department at 952-953-2400 or jschaum@cityofapplevalley.org to verify.

For more resources on Emerald ash borer www.emeraldashborer.info or the Minnesota Department of Agriculture <http://www.mda.state.mn.us/en/plants/pestmanagement/eab.aspx>



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