

## What should you do?

The most important thing that residents can do now is follow the Minnesota Department of Agriculture recommendations. For most, it will mean not buying or moving firewood that you do not know the identity or source of. Movement of infested wood has been the most effective means of transport from infested to uninfested areas.

It is recommended to postpone pruning to late fall and winter months when the trees are dormant. Meanwhile, watch your trees for signs of infestation, and contact the City Forester or a tree care company when you have questions.



CGA12/1004

Epicormic Shoots from Infested EAB Tree

## What is Cottage Grove doing?

The City of Cottage Grove has completed the City's boulevard tree inventory and is going to monitor the City's boulevard trees for possible infestation of EAB. The City's EAB Management Plan is a combination of treatment of healthy boulevard ash trees while removing and replacing ash trees that are not as healthy.

### Don't move firewood!!

Many of these invasive pest species live on or in trees, lumber, and firewood. When firewood is moved so are these pests. Movement of firewood is the leading cause of the spread of Emerald Ash



City of Cottage Grove Public Works

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[www.cottage-grove.org/  
public\\_works\\_parks\\_forestry.htm](http://www.cottage-grove.org/public_works_parks_forestry.htm)

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## Emerald Ash Borer



City of Cottage Grove Public Works



Treated boulevard tree versus non treated homeowner tree.

## What is EAB?

EAB is an insect that attacks and kills ash trees. The adults are small, iridescent green beetles that live outside of trees during the summer months. The larvae are grub or worm-like and live underneath the bark of ash trees. Trees are killed by the tunneling of the larvae under the tree's bark.

## Where is EAB?

EAB is native to eastern Asia but was discovered in St. Paul in 2009. Indications are it may have been introduced to this area as early as the late 1990's. EAB have been spread in ash firewood, nursery stock and possibly other ash materials to a number of new areas.

## Cottage Grove EAB Plan

The goals and objectives of the City's EAB Management Plan outline a twelve year plan that will encompass: public outreach and education, monitoring ash trees for infestation, aggressive treatment of 10" to 20" boulevard, park, and legacy ash trees, and implementing a plan to remove and replace ash trees that are not included in the EAB treatment program and researching the cost benefit analysis of the treatment of ash trees.

The City of Cottage Grove will attempt to distribute costs associated with certain and massive tree deaths, based on the history of EAB elsewhere in North America, over a manageable time period, and lessen the social and economic impact that an extensive loss would have on the quality of life in our community. The intent of this management plan is to be applicable to all public properties where ash trees are currently growing in the city, and on private properties where such trees may negatively impact public right-of-way.



S-Shape Galleries

## Symptoms of EAB Infestation

- Crown die-back from top
- New basal (Epicormic) Shoots
- D-shaped exit holes
- Bark splitting
- S-shaped galleries formed under the bark
- Larva feeding under the bark
- Extensive woodpecker damage

For more information on EAB please visit:

[www.mda.state.mn.us/](http://www.mda.state.mn.us/) / keyword: ash borer

