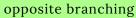
## **EASY ID**

### **ASH TREES**







diamond- shaped bark



5-7 leaflets



compound leaf

### **FROM THE ASHES**

EAB was discovered in the Rochester area in August of 2014 and has slowly spread throughout the city. So what if your tree has to be removed?

You can re-purpose it! Ash is a strong and attractive wood that can be used for buildings, furniture, sporting equipment, decoration, and many other products.

Remember to replace your trees! **Approved Boulevard Trees:** https://www.rochestermn.gov/home/showdocument?id=4827

### **ASH BORER**



# FOR MORE INFORMATION

http://www.mda.state.mn.us/home.aspx http://www.extension.umn.edu/ http://www.emeraldashborer.info/

# **CONTACT US**

403 E. Center St. Rochester, MN 55904 Email: forestryservice@rochestermn.gov Fax: 507-328-2515 https://www.rochestermn.gov/departme nts/parks-and-recreation/forestry





# **REMOVAL** estimated cost: \$1,500

Removal of your ash tree may be your only option when 30-50% of your canopy has dieback. However, it is important to have a licensed tree care company investigate first (preferably ISA).

- cost varies by tree size and removal risk
- CAUTION-infected limbs can become brittle and unpredictable

## **Tree Care Companies:**

https://www.rochestermn.gov/home/showdocument?id=23765

# **CHEMICAL**

estimated cost: \$250/2 yrs

Treating your ash tree with insecticides is the least invasive and most cost-effective method of managing EAB.

Options:

- soil injections
- lower trunk spray
- cover spray
- MOST RECOMMENDED- trunk injection using Emamectin Benzoate
  - absorbed and transported quickly
  - 2 years of control with 1 application
  - no negative impacts on pollinators

## **TALKING NUMBERS**

### A FEW BENEFITS OF TREES

- the net cooling effect of a healthy tree equals 10 room-sized air conditioners working for 20 years (USDA)
- a mature tree can be valued between \$1,000-10,000 (Council of Tree and Landscape Appraisers)
- trees along yard streets can increase property value by 15% (Wolf 2007).
- one acre of forest is enough to meet the yearly oxygen demand of 18 people (USDA).

### WITHIN ROCHESTER

In 2018, the city calculated the benefits of 41,177 inventoried trees:

- \$197,091 in energy saved
- 4,072,152 CO2 sequestered
- 26,541,827 gallons rainfall intercepted
- 33,100 lbs air pollutant removed

