

Dane County Tree Board

Your Partner for Healthy Trees




UW
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Emerald Ash Borer In Dane County: For The Dane County Board Of Supervisors

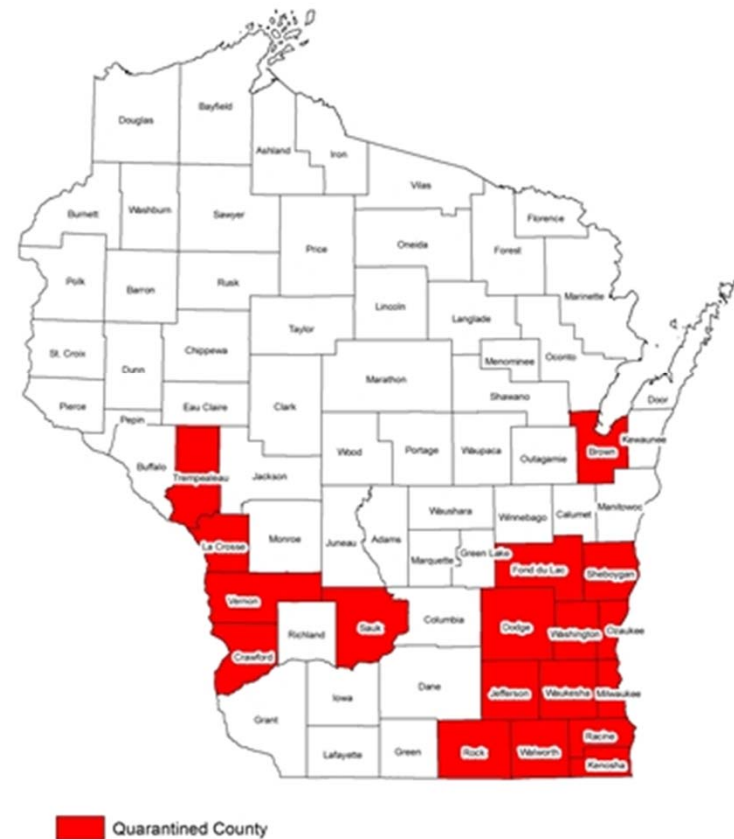


By the Dane
County Tree
Board
(12/5/15)

Emerald Ash Borer is Here!

- It first appeared in the U.S. in Michigan in 2002
- It was first identified in Wisconsin in 2008 in Washington County
- Now has been found in 21 Wisconsin counties

**Emerald Ash Borer Quarantined Counties
August 2013**



Overview Of EAB Impacts

■ Why Is EAB Important?

- There are 839 million ash trees in Wisconsin (about 5 million are urban municipal trees)
- In most Wisconsin communities 20-30% of the MUNICIPAL trees are ash
- Overwhelms community staff and budgets

■ Effects On Communities and Property Values

- Trees have value
- Tree services loss
- Environmental loss
- Why tree replacement is needed

Planning for EAB and Tree Management

- **Planning is Critical!**
 - Dane County was 1st in WI to develop an EAB Response/Wood Utilization Plan
 - Plan available on Dane County Parks website under 'Notices'
- **DNR Urban Forestry can assist municipalities with planning for EAB**
 - Community EAB response plan examples
 - Madison, Middleton, Fitchburg—see these community websites
- **Management Options**
 - Tree Inventory
 - Proactive removal and replacement
 - Treatment
 - Post-infestation removal and replacement
 - Combinations of the above



Costs

■ Example Costs to Remove Ash Trees

- A crew of 3 can remove 3 24" caliper trees/day; out-sourced cost with crew of 3, bucket truck and chipper ≈ \$2000-\$3000/day for LIVE trees
- Fitchburg has ≈ 780 ash trees, Madison 21,000, Middleton 2600

■ Costs to replace trees

- 2.5"-3.5" caliper trees ≈ \$250-\$350
- Tree diversity in replacements

■ Treatment Options:

- No silver bullet. Treatments must be repeated every one-three years depending on product
- Treatments may be used to slow the wave of tree death and the associated removal and replacement costs
- Costs \$8-\$15 per caliper inch to treat



Wood Utilization

- Wood utilization is the process of moving, storing and using wood from affected trees in a responsible manner that doesn't spread the problem
- Dane County Parks has a planning grant cost-share program (PARC) to help municipalities.
 - Contact Sara Kwitek at 224-3611 or kwitek@countyofdane.com
- Other organizations are also working on value-added wood products
 - Wisconsin Urban Wood
 - Urban Tree Alliance

For More Information

- Where to send the public for more info
 - Check in with local municipality
 - Report suspected finds to 1-800-462-2806
 - WI EAB website <https://datcpservices.wisconsin.gov/eab/>
 - Dane County UW-Extension
 - 608-224-3715; 608-224-3721 (May-October)
 - <http://dane.uwex.edu/>
 - UWEX EAB factsheets: <http://hort.uwex.edu/topics/trees-shrubs/tree-shrub-problems>
 - Is My Ash Tree worth Treating for EAB?
 - Homeowner Guide to EAB Insecticide Treatments
 - Professional Guide to EAB Treatments
 - Dane County Tree Board <http://www.treeboard.org/>
 - Wisconsin Arborists Association <http://www.waa-isa.org/>
 - Dane County EAB Response Plan <http://www.countyofdane.com/lwrp/parks/> under 'Notices'