Emerald Ash Borer
EAB
EAB History

- First discovered in Michigan 2002
- Is responsible for the death of over 17,000,000 ash trees in Michigan
- The pest is on the move
Where is EAB

- Currently in 10 States
- Canada
- 23 communities in northern Illinois
- Palos Hills — confirmed Nov. 3, 2010
- Tens of millions of ash trees have been destroyed.
How EAB Kills Ash Trees
How EAB Kills Ash Trees
How EAB Kills Ash Trees
Signs of EAB
Signs of EAB

Bare tops

Trunk sprouts
Signs of EAB
Signs of EAB
Signs of Emerald Ash Borer
The extent and severity of any EAB infestation is very difficult to quantify.

A confirmed presence of EAB anywhere indicates a larger more widespread EAB population is nearby.

The entire ash tree population in our community is at risk and is likely already infested with EAB.
Dept of Agriculture Compliance Agreement

Quarantine Restrictions

The entire state of Illinois is quarantined from moving Ash products outside the state. The 21 northeastern-most counties of Illinois are restricted from intrastate movement. The quarantines prohibit the removal of the following items from the respective quarantine areas:

? The emerald ash borer in any living stage of development
? Ash trees of any size
? Ash limbs and branches
? Any cut, non-coniferous firewood
? Bark from ash trees and wood chips larger than one inch from ash trees
? Ash logs and lumber with either the bark or the outer one inch of sapwood, or both, attached
? Any item made from or containing the wood of the ash tree that is capable of spreading the emerald ash borer
? Any other article, product or means of conveyance determined by the Illinois Department of Agriculture to present a risk of spreading the beetle infestation
EAB Treatment Options

Aggressive Insecticidal Treatments

Aggressive Removal of Declining Ash Trees
Insecticidal Treatment

- EAB will remain a constant threat to ash trees for many years to come.
- Proactive insecticidal treatment will likely be needed for the rest of the tree's life.
- Treatments are expensive.
- Treatment window short (late April – early June)
- There are no guarantees the tree will survive.
Tree Removal

- Eliminates the tree and breeding site
- Allows for planting of more desirable trees
- Is more cost effective than treatment
- Is better for the environment
- Can be completed through attrition as trees show signs of infestation and decline
Recommendation for ROW Trees

- Inventory ash tree population
- Treatment is not an option
- Remove trees showing signs of infestation
- Seek funding to replace trees
Recommendation for Private Trees

• Educate community to the problem. Web site, water bills, newsletter, press

• Provide tree identification and assessment

• Enforce city ordinance for tree removals
Additional Information

- www.illinoiseab.com
- www.emeraldashborer.info/
Questions?