

**Emerald Ash Borer Readiness Plan
Annual Meeting, 2nd Attempt
Somerset Community, Ames, IA
March 4th, 2014**

Resources

Iowa State University, Extension and Outreach: Emerald Ash Borer
<http://www.extension.iastate.edu/pme/emeraldashborer.html>

Iowa State University, Extension and Outreach: Emerald Ash Borer Management Options, Mark Shour
<https://store.extension.iastate.edu/Product/Emerald-Ash-Borer-Management-Options>

Iowa Tree Pests, Iowa's Invasive Insects and Disease Watchlist
<http://www.iowatreepests.com/index.html>

Ash Replacement Tree Options, Iowa Department of Natural Resources
[http://www.iowadnr.gov/Portals/idnr/uploads/forestry/Forest%20Health/species%20list%20\(links\).pdf](http://www.iowadnr.gov/Portals/idnr/uploads/forestry/Forest%20Health/species%20list%20(links).pdf)

Status

- 7 Iowa counties with confirmed EAB infestations (see map)
- Closest infestation is in the city of Waterloo, Black Hawk Co. (~ 100 miles)
- Adult EAB's only travel 2 to 5 miles
- Movement of EAB is via firewood/lumber transport
- Approximately 300 ash trees in the community
- Board is considering another tree inventory to confirm the number/location of ash trees

Treatment Options

Removal/Replacement

- Removal (~ \$200 w/stump grinding)
- Replacement with non-ash species (Operation ReLeaf, Alliant Energy)
- Blue (medium) and Manchurian (small) ash show good resistance

Trunk Injection

- Arborjet, TREE-äge (Emamectin benzoate)
- Application early spring to early fall application (good soil moisture)
- 2 Years of protection after treatment (showing excellent results in field trials)
- Can treat infested trees with 40% canopy
- Not recommended until infestation is within 15 miles