Additional Resources

Additional information on the Emerald Ash Borer is available at the following websites:

General EAB Information
www.emeraldashborer.info

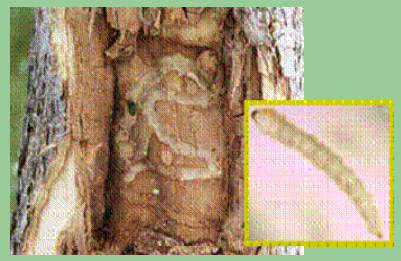
Illinois
www.agr.state.il.us/eab

Michigan
www.emeraldashborer.info/michiganinfo.cfm

Indiana
Www.entm.purdue.edu/EAB

USDA Forest Service
www.na.fs.fed.us/fhp/eab

Morton Arboretum
www.mortonarb.org



Emerald Ash Borer Larvae (above top)
Emerald Ash Borer (above bottom)

Village of Sugar Grove

Public Works Department
601 Heartland Drive
Sugar Grove, Illinois 60554

Phone: 630.466.7508
Fax: 630.466.1083
E-mail: publicworks@sugar-grove.il.us
Website: www.sugar-grove.il.us

Village of Sugar Grove

Emerald Ash Borer

Contributing to the health, safety, comfort and quality of life of the community.

Public Works Department

Emerald Ash Borer (EAB)

History:

On June 9, 2006, two ash trees in The Windings subdivision, near Lilly Lake in Kane County Illinois were positively identified as being infested with the Emerald Ash Borer (EAB). In 2008, EAB was discovered in Sugar Grove and has been confirmed in East Sugar Grove, Walnut Woods, Windsor Point, Windsor West and Windstone. In all, 26 trees have been removed with more being confirmed each year.

The Emerald Ash Borer (EAB), *Agrilus planipennis* Fairmaire (Coleoptera: Buprestidae), is identified as a causative agent in ash tree mortality and decline. No bigger than a penny, this green menace has wreaked havoc on millions of ash trees in the Midwest and if not controlled could potentially wipe out the ash tree species in North America.

EAB Facts:

The adult beetles nibble on ash foliage but cause little damage. The larvae (the immature stage) feed on the inner bark of ash trees, disrupting the tree's ability to transport water and nutrients. The Emerald ash borer probably arrived in the United States on solid wood packing material carried in cargo ships or airplanes originating in its native Asia.

- It attacks only ash trees (Fraxiinus spp.)
- Adult Beetles are metallic green and about 1/2 inch long.
- Adults leave an 1/8" D-shaped exit hole in the bark when they emerge in the spring of the year.
- Woodpeckers like EAB larvae; heavy woodpecker damage on ash trees may be a sign of infestation.
- Firewood cannot be moved in many areas of Michigan, Ohio, Indiana and Illinois because of both state and federal EAB quarantines.

What you can do:

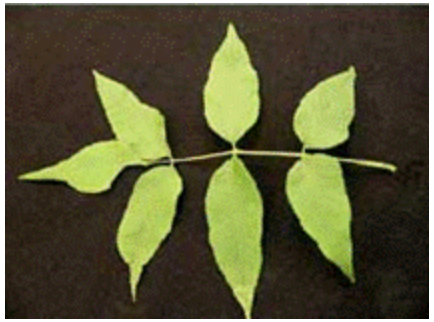
Homeowners should also prepare for the possible arrival of EAB within their own backyards. They can best prepare by keeping informed regarding the location of any local EAB-infestations and periodically examining their trees. It is important to note that EAB is most attracted to unhealthy or stressed trees. Ash trees can be treated with chemicals to temporarily stave off the beetle, but it can be costly, requires continual, annual application, and does not guarantee immunity to the pest. Ash tree removal is still the best preventative to EAB and will be necessary should you have an EAB-infested tree. Dead or dying trees become a public safety issue and require removal. The following is a list of signs that may indicate the EAB affected an ash tree:

- General decline or crown die-back in the ash tree
- 1/8" D-shaped exit hole (particularly in the spring to early summer)
- Excess woodpecker activity or damage on ash trees
- Sprouting or suckers at the base of the ash tree
- Larval galleries on any branches or exposed areas of the truck

What the Village is Doing:

The Village is currently working on implementation of the Illinois Department of Natural Resources (IDNR) and the Illinois Department of Agriculture (IDA) EAB Action Plan. This plan will include policies, procedures and a summary of key actions to deal with the EAB in our municipality. The Village is removing any tree confirmed to be infested with EAB and will continue vigorous inspections to track the advance of this pest. The Village is also continuing to monitor the IDNR and IDA websites for the most up to date information on this pest.

If any signs of an EAB-infestation is suspected or for further information, homeowners are urged to contact the Public Works Department.



'Patmore' Green Ash leaflet

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