
 Georgia Forestry Commission


## Emerald Ash Borer

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- Invasive pest first detected in 2002
- Now in about 21 states, including recent discovery in Georgia (Fulton, DeKalb counties)
- Wood boring beetle that attacks only ash trees (Fraxinus spp.)


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- Adult Beetles are metallic green and about ½ inch long and feed on foliage


  
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- Adults leave a D-shaped exit hole in the bark when they emerge in spring.


  
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Larvae feed on inner bark creating S-shaped galleries disrupting tree's ability to transport water and nutrients.

  
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Canopy of infested trees begins to thin above infested portions of the trunk and major branches. Most of canopy will die within two years from when symptoms are first observed.



Woodpeckers like EAB larvae; heavy woodpecker damage on ash trees may be a sign of infestation.

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Possible treatment options:

- Do nothing
- Removal
- If less than 30% canopy dieback:  
consider chemical treatment
  - Soil drench
  - Soil injection
  - Trunk spray
  - Trunk Injection

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<b>Soil Drench - Imidacloprid</b>	
	• Bayer Advanced 12 Month Tree & Shrub Insect Control Concentrate
	• Bayer Advanced 12 Month Tree & Shrub Protect & Feed
	• Bonide Annual Tree and Shrub Control
	• ferti-lome Tree and Shrub Systemic Insect Drench
	• Ortho Bug B gone Year-Long Tree & Shrub Insect Control
	• Merit 2F
	• Xytect 2F
	• Criterion 2F
	• Lesco Bandit 2F
	• Prokoz Zenith 2F
	• Merit 75WSP
	• Criterion 75WSP
	• Lesco Bandit 75WSP
	• Prokoz Zenith 75WSP
	• Merit 75WP
	• Xytect 75WSP
<b>Soil Injection - Dinotefuran</b>	
	• Safari
	• Zylam
<b>Trunk Spray - Dinotefuran</b>	
	• Safari
	• Zylam
<b>Trunk injection - Imidacloprid</b>	
	• IMA-Jet
	• Imicide
	• Pointer
<b>Trunk injection -Azadirachtin</b>	
	• TreeAzin
	• AzaSol
<b>Trunk injection -</b>	
	• Tree - Age



• To slow the human-assisted spread of EAB, the U.S. Dept. of Agriculture has adopted regulations to control movement of ash trees, logs and hardwood firewood in areas where EAB occurs. Note, the regulations also include nursery stock and all other ash material, living or dead, cut or fallen, including stumps, roots, branches and chip (both composted and un-composted).

• Possible quarantine of DeKalb and Fulton/metro Atlanta


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- [www.emeraldashborer.info](http://www.emeraldashborer.info)
- [www.gainvasives.org/eab/](http://www.gainvasives.org/eab/)
- [www.gatrees.org/forest-management/forest-health/eab/index.cfm](http://www.gatrees.org/forest-management/forest-health/eab/index.cfm)

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