



HELPING COMMUNITIES  
MANAGE THEIR  
COMMUNITY FORESTS

# EMERALD ASH BORER

HELP YOUR COMMUNITY  
FIND THIS CULPRIT



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PLACE LOCAL INFORMATION HERE



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IOWA STATE UNIVERSITY  
Extension and Outreach

Iowa Dept. of Natural Resources.....515.281.5918  
Iowa Dept. of Agriculture.....515.725.1470  
Iowa State Insect Diagnostic.....515.294.0581



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Help your community find the emerald ash borer

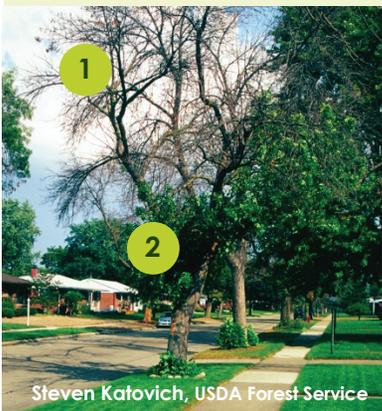
## ASH TREE IDENTIFICATION



### MONITOR YOUR ASH TREE:

Look for signs & symptoms of EAB

1. Dead and dying branches
2. Basal sprouts
3. D-shaped exit holes
4. Increased woodpecker activity
5. S-shaped galleries under bark
6. Larva



Steven Katovich, USDA Forest Service



Kenneth R. Law, USDA APHIS PPQ



Todd Voss, IDALS



William M. Ciesla, Forest Health Management International



David Cappaert, Forestryimages.org

Please contact your city if you see these signs and symptoms

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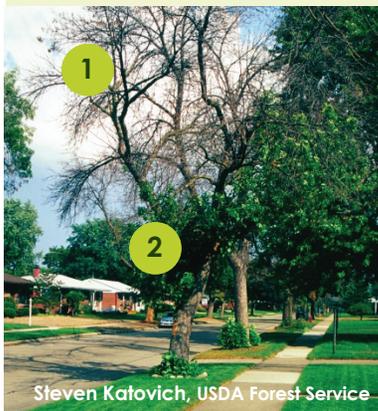
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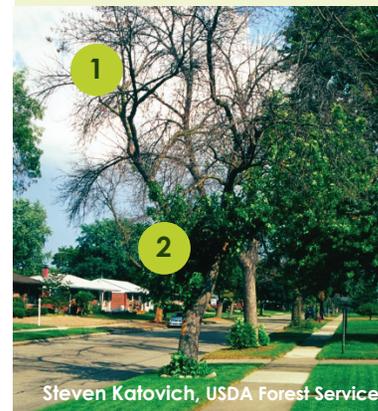
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