









# DOES MY TREE HAVE EMERALD ASH BORER?

<p><b>1.)</b> I think my ash tree may be infested with EAB.</p>			
<p>IF YES, GO TO <b>STEP #3</b></p>			
<p><b>2.)</b> I suspect I have seen an EAB.</p>	 <p><b>Emerald Ash Borer</b></p>	 <p><b>Japanese Beetle</b></p>	
<p>IF YES, GO TO <b>STEP #5</b></p>	 <p><b>Six-spotted Tiger Beetle</b></p>	 <p><b>Polydrusus Weevil</b></p>	
<p>Insects not to scale</p>			
<p><b>3.)</b> Is my tree an ash?</p>	<p><b>ASH TREES HAVE:</b></p>		
<p>IF YES, GO TO - <b>STEP #5</b> IF NO, GO TO - <b>STEP #6</b></p>	 <p><b>Opposite Branching</b></p>	 <p><b>Compound Leaves</b></p>	 <p><b>5 to Many Leaflets</b></p>

4.)

Does my ash tree have symptoms of EAB?

IF YES, GO TO

**STEP #5**

IF NO, GO TO

**STEP #6**



**WOODPECKER HOLES**

← Woodpeckers like EAB larvae and woodpecker holes may indicate the presence of EAB.



**BARK CRACKS →**

EAB larvae tunneling beneath the bark can cause the bark to split open, revealing the larval galleries beneath.



**S-SHAPED GALLERIES**

← The distinct S-shaped galleries under the bark are diagnostic of EAB.

5.)

It could be EAB.

Email the photo to

**The Plant And Insect Diagnostic Clinic**

[Insects@iastate.edu](mailto:Insects@iastate.edu)

TAKE A PHOTO

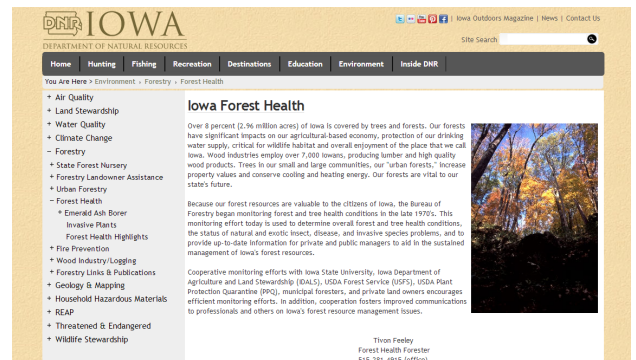


6.)

It isn't EAB; so, what is it?

Visit [Iowa DNR Forest Health page](http://www.iowadnr.gov/Environment/Forestry/ForestHealth.aspx) for information on tree problems. You can also contact your district forester or an arborist

[www.iowadnr.gov/Environment/Forestry/ForestHealth.aspx](http://www.iowadnr.gov/Environment/Forestry/ForestHealth.aspx)



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