

Emerald Ash Borer How to Submit Samples

If you suspect you have larvae or adults of *Agrilus planipennis* (emerald ash borer) submit them using the instructions below to the nearest Colorado State University-Extension office. A directory of offices can be found here <http://www.ext.colostate.edu/cedirectory/countylist.cfm>

Digital Pictures

Digital pictures can be used to document the condition of an ash tree and help determine if further investigation or a site visit is warranted. Good quality photos (non-blurry) can be emailed to the Colorado Department of Agriculture at CAPS.Program@state.co.us

Provide good quality photos of one or more of the following:

- The whole tree or trees showing symptoms (canopy dieback, epicormic shoots, bark splits)
- Adult insects resembling EAB
- Larvae found underneath the bark of an ash tree
- Serpentine galleries and or D-shaped exit holes

For pictures of larvae, adult insects, or exit-holes, use a ruler or coin to demonstrate the size of the subject.

Submitting Samples

Do not ship live specimens. Adults and or Larvae should be placed in a vial or some other leak proof container and placed in alcohol (rubbing alcohol or hand sanitizer). Specimen condition affects the accuracy and speed of identification. Specimens cannot be identified if they arrive crushed, broken or moldy. Use bubble wrap or some other material for cushioning. Submitted specimens will not be returned.

Label samples with the following information

Your Name _____
Your Phone _____
Your Email _____

Address of Collection Site

City _____ Zip _____
County _____

To be identified (number by)

Larvae
 Pupae
 Adults

Type of Property (check)

Residential
 Agricultural
 Park
 Commercial
 Other _____

Signs and Symptoms Observed (check)

Canopy Dieback
 D-shaped exit holes
 Serpentine Galleries
 Bark Splits
 Epicormic Sprouting
 Woodpecker activity

For Official Use Only

Identification	Date	By

Instructions for Extension agents:

If you suspect that the larvae or adult is an emerald ash borer, *Agilus planipennis*, and you are in a non-infested county (all counties other than Boulder County), submit the specimen to the Plant Diagnostic Clinic (for Dr. Boris Kondratieff). If you submit an EAB suspect, please notify the Colorado Department of Agriculture (CDA) OR the United States Department of Agriculture, Animal and Plant Health Inspection Service, Plant Protection and Quarantine (USDA APHIS PPQ).

Contact Information:**Plant Diagnostic Clinic**

E215 Plant Sciences Bldg. 1177 Campus Delivery
Colorado State University Fort Collins, CO 80523-1177
Ph. 970-491-6950
Fax 970-491-3862
Email: plantlab@lamar.colostate.edu

Colorado Department of Agriculture

Jeanne Ring, jeanne.ring@state.co.us
Ph. 303-869-9076
305 Interlocken Pkwy
Broomfield, CO 80021

USDA APHIS PPQ

Lisa Peraino, lisa.j.peraino@aphis.usda.gov
Ph. 303-371-3355
3950 N. Lewiston St. Suite 104
Aurora, CO 8001