

## Colorado Emerald Ash Borer program update 12-16-2013

EAB Update- December 16, 2013

***From: the EAB Incident Command Team, a collaborative effort of individuals from Colorado Department of Agriculture, USDA-Animal Plant Health Inspection Service- Plant Protection and Quarantine, City of Boulder Forestry, Colorado State University Extension, and Colorado State Forest Service.***

***Goal: To identify the extent of the EAB infestation and to contain the infestation to quarantined areas.***

Extent of infestation/Survey

- EAB found in Boulder (30<sup>th</sup> & Iris) in late September.
- Surveys conducted by the University of Colorado forestry staff identified one infestation on the east research campus of CU Boulder. EAB was confirmed on green and white ash.
- Results are coming in from the delimitation branch survey. The branch sample collection is 75% complete and the branch peeling is 20% complete.
  - Currently EAB is present in areas directly south of 30<sup>th</sup> and Iris bordered by 30<sup>th</sup> and Colorado.
- There have been *no other confirmations* anywhere else in CO.
- Preliminary USDA APHIS dendrology studies determining age of this infestation were inconclusive; more samples (bigger sample size) will be submitted.

Response

- On November 12, 2013, CDA established a quarantine zone around Boulder County, the entire City of Erie, the two Erie landfills and the Republic landfill off highway 93 in Jefferson County and a wood sorting yard located at 8200 Highway 7 in Allenspark CO on the Boulder/Larimer County line.
- CDA and APHIS will be contacting over 350 businesses to see if compliance agreements are necessary for movement of ash wood and debris from quarantined locations.
- Quarantine restrictions include:
  - Movement of Ash (*Fraxinus species*) from the quarantine area ONLY with proper treatment and under compliance agreement with CDA/APHIS. Proper treatment includes:
    - Chipping to 1” by 1” in two dimensions
    - Heat treatment
    - Composting
    - Fumigation
    - Lumber – remove all bark and ½ inch of wood
  - Ash nursery stock originating in the quarantined area is allowed only, to be sold to property owners within Boulder County, nurseries must keep sales records.
    - ***Ash Nursery Stock in the quarantine area may not be sold to anyone outside the quarantined area. There is no treatment or certification of Ash nursery stock.***
  - All Hardwood firewood must be heat treated in order to move from the quarantined area.

- If different species of wood trimmings, chips, etc. are co-mingled, then it is all considered under restriction.
- Wood debris may be taken to a landfill within the quarantine area without treatment
- CDA is working with Boulder County officials to identify potential marshaling areas where wood debris may be collected and treated for movement and use outside the quarantine area.
- CDA is working on identifying permitted locations that are allowed to receive and treat debris outside the quarantine area as long as transport occurs during the EAB non-flight period. Treatment must occur during the non-flight period as well.
- Contact the Colorado Department of Agriculture at [303-239-4152](tel:303-239-4152) if your company needs to move or store Ash debris.

Approved Marshaling Yards located within current quarantine area will be publicized as they become available.

#### Treatment of trees

- CSU will be developing treatment recommendations appropriate for the Front Range and Colorado. Until then refer to this publication for [treatment options](#).
- Prior to treatment the following should be considered
  - Trees to be treated should be of significant value and depend upon:
    - Proximity to known infestations –
      - Property owners should consider treatment of desirable ash when within 5 miles of a confirmed EAB infestation.
      - Follow all pesticide label directions correctly
    - Health of tree
      - If there is less than 40% canopy dieback treatment may be effective
      - If there is more than 40% canopy dieback treatment is likely to be ineffective.
    - Age and size of tree
      - Trees of a significant size (8” – 12” DBH) are the best candidates for treatment
      - Very mature and declining trees are not the best candidates for treatment.
    - Tree benefit to the public and property owner
      - Trees that provide significant environmental, social or economic value are candidates for treatment.

#### Action of Communities outside of the quarantine area

- Monitor and investigate declining ash
- Promote landscape diversity. The Front Range Tree Recommendation List is an excellent resource for recommended tree species; developed by CSU Extension, CTC, CNGA and ASLA you can find a copy at CNGA website [http://coloradonga.org/articles/Tree\\_Recommendation\\_List.pdf](http://coloradonga.org/articles/Tree_Recommendation_List.pdf)

- If a new detection of EAB is suspected contact:
  - Colorado Department of Agriculture
    - [888-248-5535](tel:888-248-5535)

- <http://www.eabcolorado.com>
- USDA/APHIS/PPQ
  - <303-371-3355>

Updated information regarding EAB in Colorado and the delimitation survey is located at

- <http://www.eabcolorado.com>

**Laura Pottorff, MS**  
**Industrial Hemp, Nursery, Seed and Phytosanitary Program Manager**  
**Colorado Department of Agriculture**  
**700 Kipling St., Ste 4000**  
**Lakewood, CO 80215**

**Ph: <303-239-4153>**

**Fax: <303-239-4177>**