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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 (30th & 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 30th and Iris bordered by 30th 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 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 at:

http://www.emeraldashborer.info/files/Multistate_EAB_Insecticide_Fact_Sheet.pdf.

(please paste above web address into browser window, if you cannot access from this document.)

- 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
- If a new detection of EAB is suspected contact:
 - Colorado Department of Agriculture
 - 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>