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EAB – Update- November 20, 2013

Extent of Infestation

- EAB found in Boulder (30th & Iris) in late September.
 - Currently there are approximately 10 infested trees found within this private property condo complex
 - 6 trees have been removed and taken to the Boulder Forestry yard. These are being used for training.
- In mid-November, 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.
 - More information should be forth-coming from CU
 - Due to proximity it is assumed that the CU infestations are related to the infested trees located at 30th and Iris.
- There have been *no other confirmations* anywhere else in CO.

Survey

- More intensive branch sampling surveys are ongoing. This will help confirm the extent and range of the initial detection.
- USDA APHIS dendrology studies determining age of this infestation are pending.

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 700 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

- o 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.
 - o All Hardwood firewood must be heat treated in order to move from the quarantined area.
 - o 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.

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
 - o 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
- If a new detection of EAB is suspected contact:
 - o Colorado Department of Agriculture
 - 888-239-4131
 - <http://www.eabcolorado.com>
 - o USDA/APHIS/PPQ
 - 303-371-3355

Updated information is located at

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