BATON ROUGE, La. (Press Release) The United States Department of Agriculture (USDA) declared May 18-24, 2015, Emerald Ash Borer (EAB) Awareness Week. Meanwhile, a quarantine will be established for Webster Parish effective May 25, 2015, as a result of EAB’s presence in Louisiana. EAB is an invasive beetle that attacks and kills ash trees.

“The EAB pest is a problem in our area and poses a threat because of the number of ash trees we have here. There are approximately 285 million ash trees in the state of Louisiana,” said LDAF Commissioner Mike Strain, D.V.M. Louisiana’s native ash trees are primarily located along the Atchafalaya Basin and the Mississippi River Delta. However, there are ash trees in urban areas, as well.

Strain added, “In urban areas, the trees reduce air pollution and storm water runoff, increase property values because of their aesthetic appeal and make towns and cities some of the most beautiful in the country.”

Spring marks the beginning of the travel and tourism season. This is a reminder of how destructive EAB is and how important it is for travelers to limit movement of firewood, a key message in the national “Don’t Move Firewood” campaign.

“It is best to purchase firewood not more than 10 miles from where it will be burned. When traveling, burn firewood where you purchased it and make sure to burn all of it,” said Strain.

Currently, there are approximately 300 EAB traps placed along high risk areas such as along the interstate, welcome center areas and the Mississippi River Delta. The traps are large, purple sticky boxes that hang from trees in areas that are being monitored for EAB.

The EAB beetle is a pest to all types of ash trees but does not attack other hardwoods or pines. EAB is a native insect of Asia. In 2002, EAB was discovered in Michigan and is now present in 25 states, including Louisiana. It is not known how the EAB entered Louisiana. EAB is a federally-regulated pest. States survey for EAB and if it is found, quarantine boundaries are established by the state.

The LDAF and USDA-PPQ, along with cooperation from USDA-Forest Service and National Resources Conservation Service use traps baited with scents which are attractive to the beetles. Survey results will help determine the extent of the beetle presence in the state and the potential regulatory actions necessary to reduce the spread of the pest.

Also, the LSU Agricultural Center and the USDA-FS plan to release tiny non-stinging wasps that exclusively attack immature EAB. This effort is used in other states as one method to reduce EAB populations and slow beetle spread on a local scale.

When a portion of the state falls under the EAB quarantine, then regulated products including ash nursery stock, ash logs, lumber and pallets and all hardwood firewood cannot move outside of the quarantined area unless treated according to federal protocols.

For more information about emerald ash borer or firewood movement, visit: www.emeraldashborer.info or www.dontmovefirewood.org.
2015 EAB National Survey Guidelines now available on the APHIS web site

Anyone involved with the USDA APHIS 2015 Emerald Ash Borer National Survey is asked to download and review the guidelines and accompanying documents. The following links will take you to the field survey documents on the APHIS web site.

2015 EAB National Survey Guidelines

2015 Trapping Protocols

2015 Trapping Materials List

Other documents associated with the 2015 EAB National Survey can be found on the APHIS Emerald Ash Borer web page under the Pest Management section at the following link:

2015 EAB National Survey Documents
From the editor:

The EAB Program has received several inquiries regarding alternative methods for detecting or delimiting emerald ash borer in various landscapes outside of our Federally funded National survey. The technique used in any given situation is predicated on one’s available resources related to funding, equipment, personnel, etc. With this understanding, the EAB Report will feature and provide links to scientific literature in support of EAB Program objectives. Links for literature supporting branch sampling follow as well as a link to a FHTET sample design tool.

Canadian Forest Service - Sault Ste. Marie

Detection of emerald ash borer in urban environments using branch sampling

K.L. Ryall, J.G. Fidgen, J.J. Turgeon


Forest Health Technology Enterprise Team (FHTET)

Invasive Species Sample Design Tool

The FHTET Invasive Species Sample Design Tool prioritizes the selection of sample locations for detection and survey activities based on pest risk. In addition, the tool generates spatially balanced sample locations, which improves sampling efficiency by maximizing the spatial independence of sample points, thereby providing the most information available per sample unit. Benefits of the tool are that users may dynamically set the geographic area of interest and specify the number of sample locations to be selected. To create the sample points, the tool requires two inputs, 1) an inclusion probability raster (e.g. a risk based surface), and 2) the number of output sample locations specified by the user. To download the tool go to the Forest Service, Forest Health Technology Enterprise Team website with the following link:

http://www.fs.fed.us/foresthealth/technology/invasives_sample_design_tool.shtml
Links to EAB Maps:

Native and Potential Urban Range of Ash in CONUS

The maps following this thematic map provide a finer scale view of regulated areas and detections of EAB. This native and potential urban range map of ash provides another observation of those features from a coarser scale.

EAB Quarantine Map

Note: Federal EAB contiguous quarantine change became effective July 1st, 2012.

More information on this quarantine change can be found at:

EAB Detection and Quarantine Map

This map depicts the initial EAB detection in each county and replaces the map showing all known EAB detections. All detections are still tracked and recorded by the EAB Program but for illustrative purposes this map provides a clearer view of EAB’s known distribution in the United States and Canada.

2015 EAB New County Detections Map

This map displays the initial detections of EAB by county. All new county detections occurring prior to 2015 are filled yellow while new county detections for 2015 are filled red.

2014 EAB New County Detections Map

2013 EAB New County Detections Map

2012 EAB New County Detections Map
Recent Literature:


Previously Listed Literature:


Previously Listed Literature (continued):

**Range expansion of Agrilus convexicollis in European Russia expedited by the invasion of the emerald ash borer, Agrilus planipennis (Coleoptera: Buprestidae)**. Orlova-Bienkowskaja, M.J. and M.G. Volkovitch. 2014. Biological Invasions, DOI: 10.1007/s10530-014-0762-6.


**Submersion as a tactic to prevent emergence of emerald ash borer Agrilus planipennis from black ash logs**. Siegert, N.W., T. Secord, and D.G. McCullough. 2014. Agricultural and Forest Entomology, in press.


From the Press:

Also in the Press:

**NY Ag department introduces new emerald ash borer regulations**
Buffalo Business First
The New York State Department of Agriculture is moving forward with new efforts to combat and slow the spread of the *emerald ash borer*, an invasive ...

**New look in the neighborhood**
Chicago Tribune
It's a scene being repeated throughout the Southland because a beetle known as the *emerald ash borer* has decimated tens of thousands of ash trees ...

**Emerald Ash Borer Beetle spreads to Amherst**
WKWB-TV
AMHERST, NY (WKBW) - The *Emerald Ash Borer* beetle is continuing its spread in Western New York. Right now, many homeowners in Amherst are ...

**Schaumburg awards contracts for emerald ash borer response**
Chicago Daily Herald
As the end of the area's *emerald ash borer* crisis begins to come into view, Schaumburg officials began their new fiscal year this week with the ...

**Ash trees will be wrapped in green ribbons to raise awareness of tree-killing borers**
Omaha World-Herald
The *emerald ash borer* is a foreign invader of U.S. trees. The beetle is the most destructive infestation of U.S. trees on record, and it's known to be ...

**Take a firm grip on hitchhikers**
Winnipeg Free Press
DED tends to affect trees at risk; the *Emerald Ash Borer* is indiscriminate. All ash trees are fair game. So how do we protect our urban forest against the ...

**Duluth prepares for emerald ash borer invasion**
Northland's NewsCenter
There have been a few confirmed cases of the *emerald ash borer* in the southern part of Minnesota and our neighbors across the bridge in Superior ...

**VIDEO: Public meetings provide answers on emerald ash borer invasion**
WRTV Indianapolis
VIDEO: Public meetings provide answers on *emerald ash borer* invasion. What should you do? WLWT Cincinnati
CINCINNATI — The *Emerald Ash Borer* arrived in the region in 2006 and in the city of Cincinnati in 2007. In that time it has killed millions of ash trees ...

**Sinclair: Go local for firewood**
Rutland Herald
Transported firewood is a major vehicle of invasive pests such as the *emerald ash borer* and Asian longhorned beetle. These pests are a grave threat ...
Illinois:
Illinois Department of Agriculture
Staff activities – During the reporting period, field staff visually inspected 185 trees for EAB presence with ten determined positive for EAB. Staff activities included one compliance inspection and 15 outreach visits with 16 people present.

www.IllinoisEAB.com activity – Visits to the Emerald Ash Borer page on the Department’s website totaled 762 during the reporting period.

EAB quarantine compliance agreements – The Department issued one new compliance agreement during the reporting period. The total number of current EAB compliance agreements is now 1,740.

State Firewood Importer Certification – The total number of certificates issued for the 2015 calendar year is 32.

Previous year’s total are as follows:

![State Firewood Importers Certificate Chart]

- 2010: 45 certificates
- 2011: 43 certificates
- 2012: 44 certificates
- 2013: 34 certificates
- 2014: 41 certificates
Biocontrol Facility Release Report

Parasitoids Shipped the week of May 11 - May 17, 2015

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<th>State</th>
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Total Parasitoids Shipped in 2015

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Total Parasitoids Released in 2015

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Release Types:

Program = Released into environment

Research = Released into environment. Monitored/Studied

Research-L = Only used in laboratory setting. Not Released into environment

Questions about EAB Biocontrol?

There’s a new Q & A document on the APHIS website.
