Charles County 06/25/2015
By Maryland Department of Agriculture

ANNAPOLIS, MD – The Maryland Department of Agriculture (MDA) has confirmed the presence of the invasive, highly destructive emerald ash borer (EAB) beetle in four more counties, including two on the Eastern Shore: Baltimore, Harford, Dorchester and Queen Anne's counties. The discovery is expected to bring the state under a federal EAB quarantine.

“We were hoping the EAB would bypass the Eastern Shore, though, frankly we are not surprised to detect its arrival,” said Agriculture Secretary Joe Bartenfelder. “This invasive pest has been aggressive and unrelenting, and we have worked very hard just to slow it down. We will continue to look for new ways to attack this pest and protect these ash trees that are so ubiquitous across Maryland.”

In 2011, MDA enacted a quarantine prohibiting the movement of hardwood from the 14 counties west of the Chesapeake Bay and Susquehanna River to the Eastern Shore. The quarantine was designed to protect the Eastern Shore counties from getting the EAB for as long as possible. The U.S. Department of Agriculture’s Animal and Plant Health Inspection Service (APHIS) once considered EAB state quarantines to be distinct, individual quarantines; however, in 2012, APHIS issued a Federal Order (or policy change) that treated contiguous EAB quarantine areas as a single quarantine area rather than multiple smaller ones, even if it crossed state borders. This policy change allows companies and people to move ash materials within the quarantined area, including across state lines, as long as the entire trip, from start to finish, remains within a contiguous federal quarantine boundary. If, at any point, such a trip leaves a quarantined area, the shipment needs a permit. With the recent discovery of the EAB on the Eastern Shore, MDA expects the State of Maryland to become a part of the federal quarantine. Once that happens, MDA intends to rescind the state quarantine, which will no longer be needed.

Ash products affected include: all ash wood with the bark and sapwood remaining, ash nursery stock, all hardwood firewood, and hardwood chips larger than 1 inch in 2 dimensions.

Continue reading this story here.
Revised Biological Control Release Guidelines for EAB now available on the APHIS web site

Emerald Ash Borer Biological Control Field Release Guidelines

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.

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Detection of emerald ash borer in urban environments using branch sampling

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


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Tracking EAB Growing Degree Days to Predict Initial Emergence

USDA APHIS PPQ provides this map weekly to cooperators in order to assist in the timing for the placement of purple traps just prior to the emergence of EAB adults. As the survey season progresses, we also provide peak activity and post peak activity maps to assist with the timing of lure replacement and trap removal, respectively.

Anyone interested in receiving this weekly map should send an email to Dr. James H. Buck
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
The map depicted above displays locations of survey traps used for the detection of emerald ash borer and reported to the Integrated Plant Health Information System (IPHIS). Cooperators are requested to submit their survey data to IPHIS at least every other week.
Recent Literature:


Previously Listed Literature:


Previously Listed Literature (continued):


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.


Invasive Species: **Emerald Ash Borer**. Saving Ash Trees, One Decoy at a Time

*Nature World News*

Scientists hope that with new-and-improved decoys they've developed of female *emerald ash borers*, they can save more young ash trees.

**Emerald ash borer leaves deadly trail**

*Herald & Review*

**Emerald ash borer**, a species native to Asia, was discovered in Macon County in 2012. The insects' inevitable trail of devastation is beginning to show ...

**Emerald ash borer problem being made into documentary**

*WLWT Cincinnati*

*Emerald ash borer* problem being made into documentary. UPDATED 6:10 PM EDT Jul 02, 2015. Next Video: Raw: Terror suspects father supports ...

**Dead trees costing cities, homeowners thousands**

*Hamilton Journal News* (subscription)

The culprit behind the demise of many ash trees is the **emerald ash borer**, an invasive species from east Asia that was identified in Ohio in 2003, ...

**Northern New England states fight, track invasive bugs**

*Press Herald*

In Maine, rangers are on the lookout for the **emerald ash borer**, which hasn't been found in the state yet, and the Asian longhorned beetle.

**Maine Rangers to Seek out and Confiscate Imported Firewood**

*Maine Public Broadcasting*

Currier says insects of special concern are the **emerald ash borer** and the Asian longhorn beetle. So far, those pests have not been found in Maine.

**Researchers to introduce biological agents to deal with emerald ash borer**

*Uncover California*

Researchers are going to introduce a non-stinging wasp to continue biological warfare against the critter posing threat of putting waste to entire forest ...

**Urban forestry charge will soon appear on Madison services bills**

*Madison.com*

A row of ash tree stumps lined Northport Drive in Madison. The city is mostly using treatment to battle the **emerald ash borer** but is removing and ...

**Montreal releases biological agents to attack emerald ash borer** | *Montreal Gazette*

Montreal Gazette

Has the **emerald ash borer** finally met its match? In the latest attempt to halt the beetle in its bark tracks, scientists are introducing a non-stinging wasp ...
Illinois:
Illinois Department of Agriculture
www.IllinoisEAB.com activity – Visits to the Emerald Ash Borer page on the Department’s website totaled 635 during the reporting period.

EAB quarantine compliance agreements – The total number of current EAB compliance agreements is now 1,745.

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.png)
Biocontrol Facility Release Report:

(Cumulative to 07/03/2015)

**Total Parasitoids Shipped in 2015**

- *Oobius agrili* 108,750
- *Spathius agrili* 9,047
- *Tetrastichus planipennisi* 371,175

*Total* 488,972

**Total Parasitoids Released in 2015**

- *Oobius agrili* 108,585
- *Spathius agrili* 8,833
- *Tetrastichus planipennisi* 370,989

*Total* 488,407

(Variance in totals due to some parasitoids retained in a laboratory environment and not released.)

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Questions about EAB Biocontrol?

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

Check it out, here’s the link:
