



United States Department of Agriculture  
Animal and Plant Health Inspection Service

**Plant Protection and Quarantine**



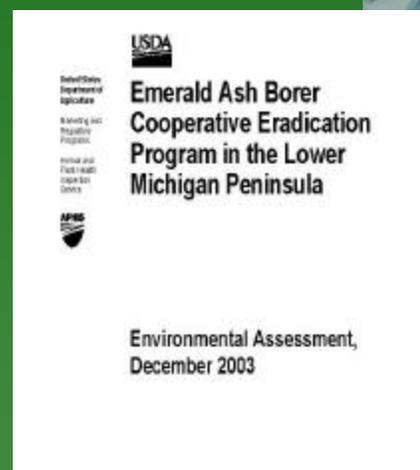
# Quarantine and Enforcement

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Kevin Connors  
PPQ State Plant Health Director

# PPQ Regulatory Programs

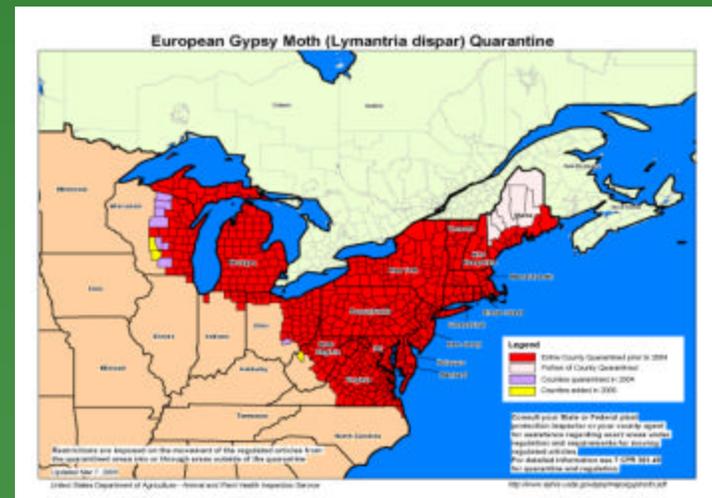
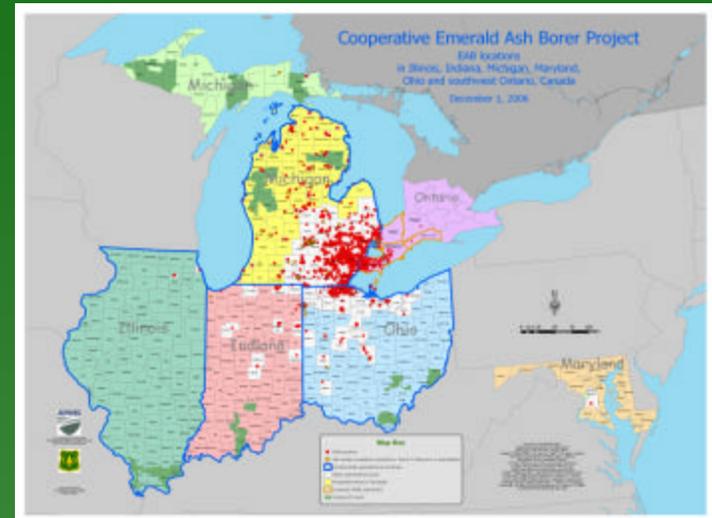
- **Goals**
  - Prevent the artificial spread of a pest from regulated to non-regulated areas.
  - Maintain commerce and tourism provide industry/public a method to move high risk commodities at minimal risk.
- **Process**
  - Economic analysis – 1) potential impact to small US businesses – 2) Cost benefit of significant regulatory actions examined in broader terms and greater depth.
  - Potential environmental effects analysis
  - Comment Period - comments listed and responded to when quarantine issued.





# Federal Quarantines

- Based upon biology of the pest, host, method of artificial movement.
- Establish conditions for interstate movement of regulated articles
- Pest boundaries can be determined - generally infested areas are regulated areas
- No restrictions for transfer of articles from non-regulated areas – we rely on safeguards in the system to verify minimal pest risk.



## EAB - What's Regulated?

- The Emerald Ash Borer (*Agrilus planipennis*)
- Entire ash (*Fraxinus* spp.) trees
- Ash logs
- Untreated ash lumber and pallets with bark attached
- Ash limbs and branches
- Firewood of all hardwood species
- Uncomposted ash chips and uncomposted ash bark chips larger than 1 inch in diameter in 2 dimensions.
- Any article determined to present a risk of spreading EAB



# EAB Quarantine Documentation

- Certificate –
  - Certified EAB free through inspection and/or treated
  - Firewood, logs, lumber
- Limited Permit –
  - product transferred to non-regulated area for processing by facility under compliance agreement



# Enforcement in regulated areas

- Federal and state officials oversee inspection, treatment and certification system
- Border inspections
- Outreach – publicize concerns and rules

Form for inspection of firewood, including fields for origin, destination, and inspector information.



## Enforcement non-regulated areas

- Pathway Analysis – potential avenues of movement for focused outreach/survey
  - Nurseries and mills
  - Campground registry
- Spot checks in markets for firewood QC of regulatory system
- Survey – collaborating with state in EAB detection tree survey at high risk sites
- Outreach with industry to explain quarantine conditions and compliance conditions



### Market Summary

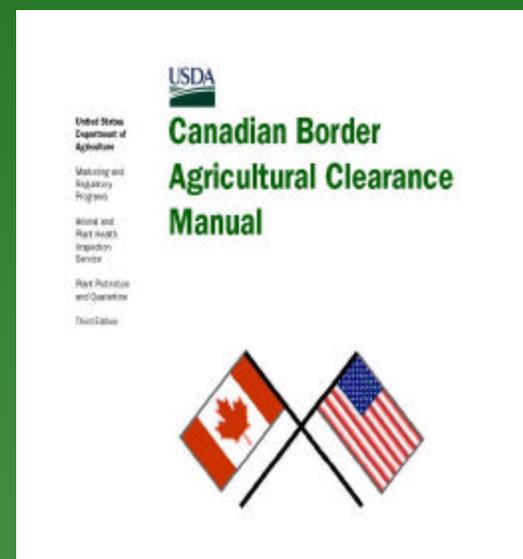
- 11 Retail outlets at 21 locations
- 11 companies provided wood
- 8 out of state sources
  - 2 from GM regulated areas
- 18 firewood dealers in eastern MN along WI border
- 7 sources from WI all from non-regulated areas





# International Standards for Imports of Canadian Products

- From pest regulated areas in Canada - GM, EAB, PSB
  - accompanied by a phytosanitary certificate verifying the material is pest free based upon official inspection and/or treatment.
  - accompanied with permit that material is going to an approved location in the US for processing.
- From pest non-regulated areas in Canada
  - accompanied by a certificate of origin stating the product was obtained from a non-regulated area for the pest.



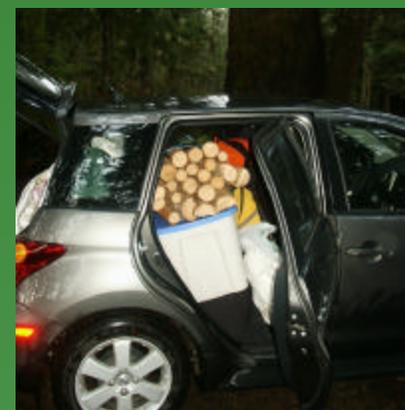
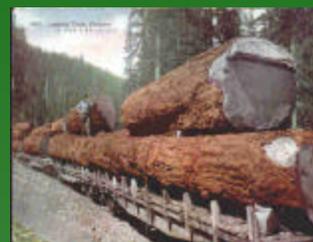
## Challenges in EAB quarantine

- Survey tools
  - detection trees – labor intensive and not totally effective for early detection of low density populations.
- Treatment
  - methods to eradicate populations are costly and verification of eradication difficult.



# Challenges in EAB quarantine

- Industry
  - System to track shipments – invoices, trucker records
  - Rules disseminated effectively
  - Monitoring system for those under compliance
  - Voluntary compliance in most cases – do the right thing
- Homeowner firewood movement
  - Lack of systematic tracking method
  - Outreach difficult – may not be unaware of conditions
  - May weigh chances of being caught and move it anyway
  - Perception that a few pieces of firewood does not matter



## Interagency Firewood Group – Preliminary Interests

- Educate stakeholders about firewood pest concerns and associated federal quarantines and seek their support.
- Work with dealers and distributors that receive firewood interstate to learn concerns and ensure compliance.
- Assess campgrounds to determine high risk sites for focused outreach and future EAB surveys.
- Collaborate with state partners on survey and EAB Emergency Response Plan.

