Firewood and the Regulations

Keedysville, Maryland
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301-851-2064
What’s the Problem?

- A long list of destructive pests can be moved by people in and on firewood
  - Asian longhorned beetle, emerald ash borer, gypsy moth, walnut twig beetle/TCD, pine shoot beetle, red bay laurel wilt, gold spotted oak borer, sirex wood wasp, brown spruce longhorned beetle, etcetera, etcetera, etcetera
- Firewood is produced, distributed, and consumed in diverse ways and at diverse scales
The Regulatory Landscape

- Federal Regulations:
  - Firewood as a regulated article for specific pest quarantines
  - Import requirements
- State Regulations
  - Typically set up as external quarantines
  - Commonly call for 160/75 treatment
  - FL, NY, PA, ME, OR, ...
Asian Longhorned Beetle

- Xylem feeder
- Quarantine Areas in MA, NY, OH
- 160/75 treatment for firewood
- Visit APHIS’ ALB webpage for current quarantine maps
Federal Quarantines - ALB

New York

Worcester, MA

Clermont County, OH
Emerald Ash Borer

- Phloem feeder
- Quarantine Areas in 25 States
- Treatments
  - 60/60
  - Debarking, ½” sapwood removed
  - Fumigation
  - Kiln sterilization
- Visit APHIS’ EAB webpage for current quarantine map
Federal Quarantines - EAB

Map Key:
- Red dot: Initial county EAB detection
- Blue dot: Federal EAB quarantine boundaries
- Light blue: State quarantine—generally infested area
- Light yellow: State quarantine (MI)
- Pink: Orenda Indian Reservation
- Green: National Forests
- Orange: Canadian EAB regulated areas
Gypsy Moth

• Foliage feeder
• Boom and bust population cycle
• Quarantine Areas in 19 States
• Treatments
  • 56/30
  • Debarking
• Visit APHIS’ GM webpage for current quarantine map
Federal Quarantines - GM

European Gypsy Moth (Lymantria dispar) North America quarantine

Map Key:
- **Red**: Entire county quarantined prior to 2005
- **Orange**: Portion of county quarantined
- **Brown**: Counties quarantined in 2005
- **Blue**: Counties quarantined in 2006
- **Green**: Counties quarantined in 2008
- **Purple**: Counties/quarantined in 2009
- **Pink**: Counties/quarantined in 2010
- **Yellow**: Counties/quarantined in 2011
- **White**: Counties/quarantined in 2012
- **Light Green**: Counties/quarantined in 2013
- **Cyan**: Counties/quarantined in 2014
- **Dark Green**: Counties/quarantined in 2015
- **Beige**: Canadian quarantined area

Please consult your State or Federal plant protection inspector or your county agent for assistance regarding exact areas under regulation and requirements for moving regulated articles. For detailed information see: 7 CFR 301.46

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Thousand Cankers Disease

- Fungal pathogen transmitted by bark beetle
- Devastating to walnuts out west, 9 states affected
- Found in OH*, NC**, PA, TN, and VA, in the east
- No approved treatments for firewood at this time
- State level quarantines

*beetle only, ** fungus only
State Quarantines, TCD
## Help Keeping It Straight

Firewood matrix from DMF

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*NOTE: Rows shaded above in white are describing keeping pests “out” of an area, rows shaded light grey are infested areas and/or quanatines keeping pests “in” (i.e. prevention of spread)*

Full details for each state available on the Don’t Move Firewood map

[http://www.dontmovefirewood.org/map](http://www.dontmovefirewood.org/map)

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What You Should Do

- Know the pests in your area
- Keep your eyes open
- Mind relevant State and Federal regulations and requirements
- Maintain good business records
- Label your firewood with place of harvest and place of production
- Get to know the regulatory personnel you work with
  - APHIS State Plant Health Directors
  - State Plant Regulatory Officials
Thank You