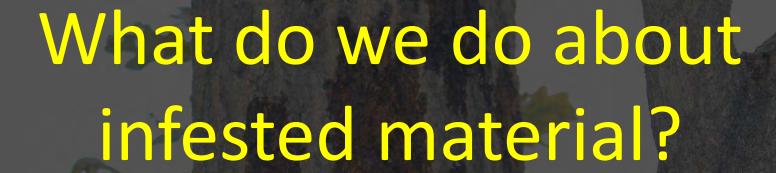
Invasive Ambrosia Beetle Conference The Situation in California August 14, 2012

PUBLIC MEETING

Meeting sponsored by:
The Hofshi Foundation
University of California, Riverside
UC Center for Invasive Pest Research
The Huntington Botanical Gardens
The Los Angeles Arboretum



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Best management practices for infested wood

- Experience managing the goldspotted oak borer infestation in San Diego Co.
 - Management
 - Education/Outreach



- Complied BMP's for Forest Health Protection,
 Pacific Southwest Region
 - Provide recommendations for National Forests in California



- Sanitation options for controlling insect pests in wood products
 - Grinding and chipping treatments
 - Solarization
 - Infested tree removal
 - Seasoning of wood
 - Heat treatment
 - Fumigation
 - Burning
- All these treatments need to be tested with the tea shot hole borer
- What is an acceptable control measure?
 - 100%, 80%, or 50%
- Limit movement of infested material



Grinding treatments







2"-minus



1"-minus

- Options for utilization of material
 - Mulch, composting, etc.
- To make effective use of this treatment:
 - Steady supply of material
 - Transportation

Chipping treatments

- Chip and leave material on site
- Treatments typically used for small diameter material (<9" diameter)
- Will likely reduce beetle emergence
 - Effective for redbay ambrosia beetle in FL
 - Used in Sri Lanka for tea shot hole borer in tea



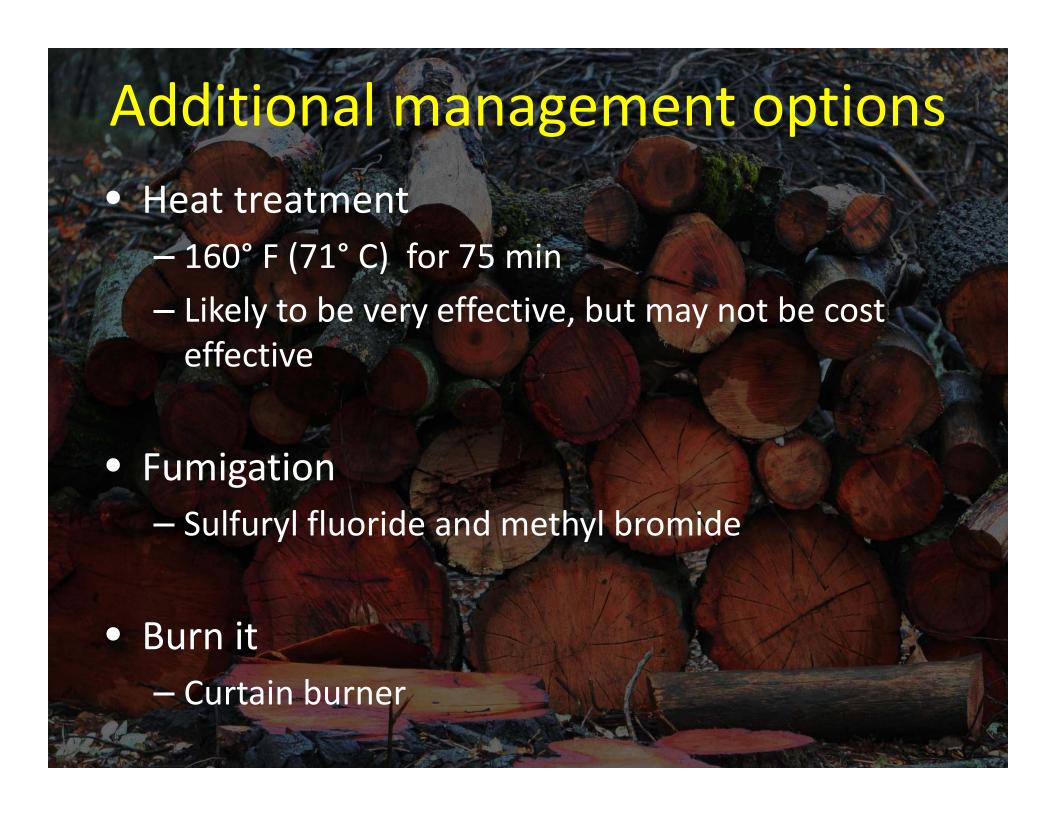




Tarping or enclosing infested material

- Solarization with clear plastic tarp
 - UV plastic
 - Aluminum screen and double bagging
- Treatment should prevent the dispersal of beetle populations, leading to mortality
- Useful for small quantities of wood
 - Homeowner with a few trees







www.firewood.ca.gov/





- California Firewood Task Force
 - Developed from a resolution from the CAFPC in 2010
- Multiagency collaboration



www.dontmovefirewood.org



- Outreach material
 - Poster
 - Postcards
 - Images
 - Stickers



 Posters discussing other CA pests (goldspotted oak borer and sudden oak death)

Quarantine/Zone of infestation

- Hurdles:
 - The area of infestation needs to be delimited
 - Need support from federal, state, and county agencies
 - Funding for activities
 - APHIS, CDFA, and County Agricultural Commissioners
 - There will likely be limited support from the CA Board of Forestry
 - This insect/disease will likely have limited impact to wood products regulated by the Board
 - How do you enforce the quarantine and who will enforce the quarantine?
 - What are they going to do with confiscated wood?