



READY, SET, GO!

NEWSFLASH

Orange County, CA - *Invasive Tree Pests* are killing California's trees at epidemic levels. There are 66 million dead trees in six California counties and counting. In Orange County, the problem is getting worse.

Why Should You Care?

Escalating tree mortality has serious consequences that impact you, and your family!

- Unprecedented Fire & Flood Hazards
- Public Safety Risks
- Habitat & Ecosystem Destruction
- Risk-Related Facility Closures
- Negative Economic Impact
- Adverse Human Health Implications
- Liability Risk
- A "Treeless" California?

The Tree Killers

Gold Spotted Oak Borer (GSOB) - GSOB larvae burrow into oaks, feed off the living wood, which slowly kills the tree. Prolonged drought has made trees more vulnerable.

- Moving fire wood is the primary contributor for spreading the GSOB infestation



Invasive Shot Hole Borer (ISHB) - ISHB includes Polyphagous Shot Hole Borer (PSHB) and Kuroshio Shot Hole Borer (KSHB), two genetically distinct, yet otherwise identical tree pests that tunnel into many common native and landscaping trees in natural, urban and irrigated areas.

- ISHB spreads the Fusarium Dieback fungus, causing branch dieback and eventual tree mortality



Challenges

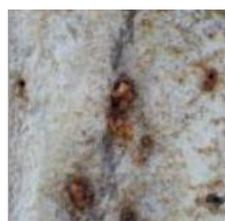
These invasive tree pests require significant State and local government intervention, but officials have been slow to respond. As the problem escalates:

- Significant underfunding continues
- Treatment and removal options are limited and costly
- Public awareness is lacking
- Firewood industry practices perpetuate the problem



What Can You Do?

- **Get Educated** - Learn how to ID, monitor and report suspect trees
- **Don't Move Firewood** - *Buy It Where You Burn It!*
- **Spread Awareness** - Tell friends, family, HOA's, etc.
- **Contact Local Government Officials** - Express your concern



GSOB: D-shape Exit Holes ISHB: Bark Stains

For more information, visit: ucanr.edu/sites/gsobinfo/, [ucanr.edu/sites/socaloakpests/Polyphagous Shot Hole Borer/](http://ucanr.edu/sites/socaloakpests/Polyphagous_Shot_Hole_Borer/), www.ocagcomm.com/services/emerging_tree_pests_GSOB.org and PSHB.org