





# Technical Bulletin for: Ambrosia Beetle (Multi Species Lure)

*Xyleborus spp.* (Linnaeus) • Coleoptera, Scolytidae • AMBRO



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| <b>DISTRIBUTION</b> | <i>Xyleborus glabratus</i> , which carries laurel wilt has been found in Florida, North Carolina, South Carolina, Georgia, Mississippi and Alabama. Other <i>Xyleborus</i> , <i>Xyleborinus</i> , <i>Xylosandrus</i> and other ambrosia beetles distributed globally.   |
| <b>HOSTS</b>        | Red Bay, Avocado, Apple and other fruit trees, hardwood trees and nursery stock.  |
| <b>DESCRIPTION</b>  |   |
| <b>ADULT</b>        | Adult ambrosia beetles are generally small, reddish brown to nearly black, cylindrical beetles from about 3-5 mm long.  |
| <b>LARVAE</b>       | Small, white and legless, similar to bark beetle larvae.  |
| <b>EGGS</b>         |   |
| <b>LIFE HISTORY</b> | Beetles and their larvae graze on mycelium exposed on the gallery walls and on bodies called sporodochia, clusters of the fungus' spores. Most ambrosia beetle species don't ingest the wood tissue; instead, the sawdust resulting from the excavation is pushed out of the gallery. Following the larval and pupal stage, adult ambrosia beetles collect masses of fungal spores into their mycangia and leave the gallery to find their own tree. Adult Red Bay Ambrosia Beetles are often vectors of Laurel Wilt Disease. |

## MONITORING INFORMATION

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| <b>LURE ACTIVE INGREDIENTS, SUBSTRATE &amp; FIELD LIFE</b> | Ethanol + Eucalyptol Ultra High-Release Lure.<br>Lure Longevity: 60-90 Days.   |  |
| <b>TRAP TO USE</b>   | Panel Trap   |    |
| <b>MONITORING STRATEGY</b>                                 | Place one trap per 1ha. More traps may be needed in "hot spots".   |   |
| <b>CULTURAL &amp; PHYSICAL CONTROL</b>                     | Sanitation practices, including removing infested trees may help in reducing pest populations. Maintain healthy root system. |   |

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