

# Laurel Wilt, *Raffaelea lauricola* & the redbay ambrosia beetle



Symptoms of laurel wilt (LW) clockwise from top left: dead redbay trees in Florida. Redbay with partial canopy wilt (left) and 8 months later completely wilted and brown (right). Wilted redbay foliage. Avocado tree with dieback due to LW. Avocado branch with early LW symptoms.



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**Clockwise from top left:** vascular staining caused by LW fungus. Vascular staining and beetle attack site to left of fingernail. Vascular staining in cross section. Redbay ambrosia beetles, *Xyleborus glabratus*, spread the LW fungus (also on penny for scale). Frass tube from ambrosia beetle extends from trunk. Frass tubes are a sign of ambrosia beetles but are not always present. **For more information visit [www.FirstDetector.org](http://www.FirstDetector.org)**