

Inspect to Protect:

Thousand Cankers Disease

(*Pityophthorus juglandis* and *Geosmithia morbida*)

Thousand Cankers Disease is caused by a fungus (*Geosmithia morbida*) spread by the bark-boring walnut twig beetle (*Pityophthorus juglandis*). The beetle attacks walnut trees and forms galleries in the wood. The introduced fungus spreads into the wood around the galleries and kills the tissue. The canopy of the walnut trees is starved first as the tissues carrying the nutrients are destroyed.

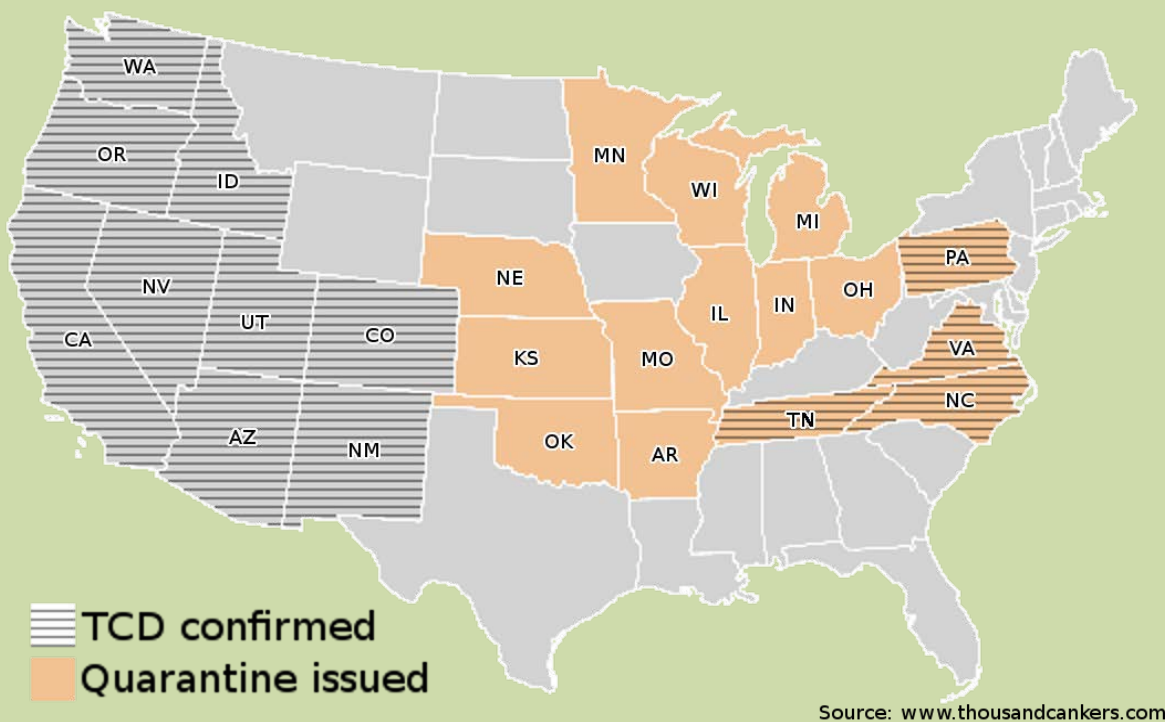


Symptoms:

- Yellowing or wilting leaves
- Thinning crown
- Dark stains under bark
- Small beetle entrance holes in the bark
- Brown stains on main stem or on surface of bark



Distribution of Thousand Cankers Disease as of February 7, 2013



If you suspect a walnut is infected with Thousand Cankers Disease, contact Clemson University Department of Plant Industry at (864) 646-2140 or invasives@clemson.edu.



During the summer, DPI inspectors will be surveying for the walnut twig beetle. The funnel traps will be positioned near black walnut trees. Keep a lookout for the traps and support the search for invasive pests!



A partnership to protect your natural resources.