

Thousand Cankers Disease in Pennsylvania

Detection in Pennsylvania

A newly recognized disease on black walnut trees called Thousand Cankers Disease (TCD) has been detected in Bucks County Pennsylvania. The Pennsylvania Department of Agriculture has established a quarantine order for Bucks County. This quarantine restricts the movement of all walnut material including nursery stock, budwood, scionwood, green lumber, and all hardwood firewood. The quarantine also includes stumps, roots, branches, mulch, and composted and uncomposted chips. Lumber that is kiln dried, square edged, and completely free of bark is not regulated.

A fungus, *Geosmithia morbida*, which is carried into the walnut trees by the walnut twig beetle, *Pityophthorus juglandis*, causes this disease.

Symptoms of TCD

Cankers develop under the bark around the feeding galleries of the beetles. These cankers kill the phloem in the tree and cause symptoms of leaf yellowing and branch dieback.



Photo: Ned Tisserat, Colorado State University, Bugwood.org

What to do if you suspect TCD

If you suspect symptoms of Thousand Cankers Disease please contact your [County Cooperative Extension Office](#) or the Invasive Species Hotline at 1-866-253-7189 or Badbug@pa.gov



Photo: Ned Tisserat, Colorado State University, Bugwood.org

Treatment for TCD

Thousand Cankers Disease has no known treatments or cure and can eventually kill the infected tree. With the continued spread of this disease there is the risk that black walnut trees could be eliminated from their [native range](#). Visit these websites for more information.

www.thousandcankersdisease.info
www.thousandcankerdisease.com

What to do with Infected Trees

- Remove trees as soon as possible to prevent spread of the walnut twig beetles
- Do not move infected logs outside of quarantined counties
- Thousands of beetles are contained in recently cut trees. To prevent spread of the beetles, avoid driving near healthy walnuts when transporting infected wood or chips
- Chips and wood should be stored in an isolated location and should not be moved outside the quarantine area
- Logs can also be buried

For more information visit plantpath.psu.edu