

Trellis Rust: Affecting Pear Trees in Southeast Michigan



Healthy Pear Tree



Infection on Pear leaves

What is Trellis Rust? A disease spread by the fungal pathogen *Gymnosporangium sabinae*. The disease is originally from Europe and may represent a serious health threat to *Pyrus* species, which includes both ornamental and fruit pear trees.

This disease is relatively new to North America, with noticeable signs of the disease appearing in Michigan around 2014. Experts in the landscape industry have been monitoring this disease and have put together some recommended management options. Unless the tree is in serious decline, we should be able to tolerate some rust lesions in our environmental stewardship options. David Roberts, Ph.D., Senior Academic Specialist, College of Agriculture and Natural Resources, has addressed this disease in "The Plant Doctor's Landscape Tips", *The Landsculptor*- August 2016, and *The Landsculptor*- September 2015.

The City is aware of the disease and is monitoring the health and condition of Pear trees on the City's right of ways and properties.

Link to Dr. Robert's articles

https://treedoctor.msu.edu/sites/default/files/docs/Aug16_TrellisMgmtUpdate.pdf