

# TREE OF HEAVEN & SPOTTED LANTERNFLY



Tree of Heaven (*Ailanthus altissima*) is a fast-growing, invasive tree originally from China that has spread widely across the United States, often thriving in disturbed soils along roadsides, vacant lots, and field edges. While its ability to grow almost anywhere makes it highly competitive against native plants, its presence is especially concerning because it serves as the preferred host for the invasive Spotted Lanternfly (*Lycorma delicatula*). The Spotted Lanternfly is a destructive insect that feeds on the sap of more than 70 plant species, including grapes, fruit trees, and hardwoods, weakening them and making them more vulnerable to disease and stress.

The close association between Tree of Heaven and the Spotted Lanternfly has complicated management efforts, as controlling the tree is often a key strategy in reducing lanternfly populations and slowing their spread. Together, these two invasive species pose significant ecological and economic threats to forests, agriculture, and landscapes.

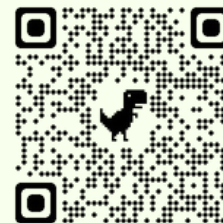
# REPORT TREE OF HEAVEN IN WILLOWSFORD



Willowsford Conservancy is looking for help from residents to survey the open space and areas around their home for Tree of Heaven. This survey will serve as a valuable tool as we begin to implement a multi-year Invasive Species Treatment Plan.

Fill out the survey form by scanning the QR code below. In your submission, include images, approx. number of Tree of Heaven, and range of diameters of the tree trunks (this is because different control methods are used based on the size of the ToH).

**SCAN HERE TO  
REPORT TREE  
OF HEAVEN**



**Have questions?** Email us  
[info@WillowsfordConservancy.org](mailto:info@WillowsfordConservancy.org)



**IDENTIFYING  
TREE OF HEAVEN**  
*AILANTHUS ALTISSIMA*



LOOK ALIKE  
**STAGHORN SUMAC**

*RHUS TYPHINA*



TERMINAL  
LEAFLET

FRUIT IS RED.  
CONICAL, AND  
FUZZY



TOOTHED  
LEAFLET  
EDGES



**TREE OF HEAVEN**

*AILANTHUS ALTISSIMA*



TERMINAL  
LEAFLET

FLOWERS  
RANGE FROM  
GREEN TO RED  
AND ARE  
CLUSTERED

SMOOTH LEAF  
EDGES BESIDES  
1-2 TEETH AT  
BOTTOM



LOOK ALIKE  
**BLACK WALNUT**

*JUGLANS NIGRA*

NO  
TERMINAL  
LEAFLET



FRUIT IS ROUND  
NUT COVERED  
BY HUSK



FINELY  
SERRATED  
LEAFLET EDGES

