

SPOTTED LANTERN FLY & TREE OF HEAVEN(AILANTHUS)

SEE SOMETHING, SAY SOMETHING

The Borough is seeking to determine how prolific the Tree-of-heaven is in Leonia to identify options for controlled management. The Borough is asking property owners to check their property for this tree species and for Infestation of the Spotted Lantern Fly.

If you believe you have a Tree-of-Heaven or have seen an infestation of the Spotted Lantern Fly on your property, please call the DPW at 201-592-5790 and let them know your:

- Name & Address
- Tree of Heaven and/or Infestation Sighting(s) of Spotted Lantern Fly

LIFE CYCLE: INVASIVE SPOTTED LANTERN FLY

IF YOU SEE ONE, DO SOMETHING & SAY SOMETHING

There has been a significant increase in sightings in Leonia of the **Spotted Lanternfly (SLF)**, an invasive red, white, and black insect. The SLF, native to East Asia first arrived in Pennsylvania in 2014 and has spread throughout NJ. The SLF has the potential to greatly impact agricultural crops and hardwood trees. SLF feeds on the plant sap of many different plants including grapevines, maples, black walnut, and other important plants in NJ. While it does not harm humans or animals, it can reduce the quality of life for people living in heavily infested areas.

They are a real problem, and you are urged to kill it to protect our environment. For more information and pictures of the SLF's life-stages, including nymph stages and egg masses (which can be seen on trees, rocks, lawn furniture and other surfaces from September to June) and actions that may be taken by property owners to manage and control the SLF, please go to:

Rutgers NJAES: [Spotted Lantern Fly](#) [Spotted Lantern Fly Management](#)

NJ Dept of Ag: [Spotted Lantern Fly Dept of Agriculture](#)

TREE-OF-HEAVEN (AILANTHUS)

Tree-of-heaven (*Ailanthus altissima*), commonly referred to as ailanthus, is an invasive deciduous tree species and the **preferred host** for the **Spotted Lantern Fly**. Please refer to the following link for information on how to identify the Tree-of-heaven: <https://extension.psu.edu/tree-of-heaven>

The Borough is seeking to determine how prolific the Tree-of-heaven is in Leonia to identify options for controlled management. Shade Tree Commission is asking property owners to check their property for this tree species and contact the DPW.

Please note that other native species that can be confused with the Tree-of-heaven such as the staghorn sumac, black walnut, and hickory. The leaflet edges of these native trees all have teeth, called serrations, while those of the Tree-of-heaven are smooth. The foul odor produced by crushed leaves and broken swigs are also distinct to the Tree-of-heaven.

