



JOIN THE BATTLE, BEAT THE BUG!

STOMP IT OUT!

STOP THE SPOTTED LANTERNFLY

WHY IT MATTERS:

- While the Spotted Lanternfly will NOT sting or bite humans or animals, it can be a **significant nuisance**, affecting our quality of life and enjoyment of the outdoors.
- The SLF feeds on the sap of many different hardwood trees and agricultural crops, including grapevines, maples, black walnuts and others. The feeding damage significantly **stresses the plants**, many of which are important to NJ.
- The insect excretes honeydew (a sugary substance) while it feeds, which **can attract bees, wasps, and other insects**.
- The honeydew also builds up and promotes the **growth of fungi**, which can cover the plant, patio furniture, cars, and anything else found below where the SLF is feeding.

WHAT YOU CAN DO:

- **Remove Host Trees**
 - Spotted Lanternflies prefer the ailanthus tree, also known as “Tree of Heaven.” If possible, remove these trees from your property.
- **Remove and destroy** any SLF’s you find
 - Crush nymphs and adult insects.
 - If you see egg masses, scrape them off, double bag them and throw away. You can also place the eggs into alcohol, bleach or hand sanitizer to kill them.
- **Tree Wraps**
 - There are two commonly used trap types for SLF. These are very effective against the nymphs as they move up and down and between plants.
 - Commercially available sticky bands plus chicken wire can be banded around tree trunks.
 - Circle trunk traps are also very effective. These are available to purchase online or can be made at home.
- **Home Remedies**
 - There are many natural remedies that reportedly kill lanternflies on contact.
 - White vinegar in a spray bottle is suggested to kill lanternflies almost instantly.
 - Equal amounts of Dawn dish soap and water in a spray bottle is also an option to kill both live lanternflies and lanternfly eggs. Clean the dead bugs and eggs after use to avoid mold.
- **Insecticides**
 - Many commonly available insecticides have been found to be effective against SLF. Efficacy, residual activity, and toxicity vary between products. We recommend trying the least toxic options first.
 - Some extermination companies can also help with SLF.

FOR MORE INFORMATION ON THE SPOTTED LANTERNFLY VISIT www.nj.gov/agriculture