

SPOTTED LANTERNFLY

Information from the NJ Department of Agriculture (NJDOA)



REPORT SIGHTINGS

If you see a Spotted Lanternfly, help us [Stomp it Out!](#)

Please report sightings to the NJ Dept. of Agriculture (NJDOA) using the Reporting Tool ([click here](#)) or call 833-4BADBUG (833-422-3284) For other questions, email slf-plantindustry@ag.nj.gov

The NJDOA appreciates residents reporting the addresses of Spotted Lanternfly sightings and assisting them in keeping this pest from spreading. The information provided to the NJDOA is important in their mission against the Spotted Lanternfly.



BACKGROUND

Spotted Lanternfly (SLF), *Lycorma delicatula*, is an invasive planthopper native to China, India, and Vietnam, it is also established in South Korea, Japan and the U.S. It was first discovered in the U.S. in Pennsylvania in Berks County in 2014 and has spread to other counties in Pa., as well as the states of New Jersey, Delaware, Maryland, Virginia, West Virginia, New York, Connecticut, and Ohio

IMPACT

This insect has the potential to greatly impact agricultural crops and hardwood trees. While it does not harm humans or animals, it can reduce the quality of life for people living in heavily infested areas.

WHY YOU SHOULD CARE

This insect is a serious invasive pest with a healthy appetite for our plants and feeds on sap from over 70 different plant species. It has a strong preference for economically important plants and the feeding damage significantly stresses the plants which can lead to decreased health and potentially death.

As SLF feeds, the insect excretes honeydew (a sugary substance) which can attract bees, wasps, and other insects. The honeydew also builds up and promotes the growth for sooty mold (fungi), which can cover the plant, forest understories, patio furniture, cars, and anything else found below SLF feeding.

[CLICK HERE TO FAMILIARIZE YOURSELF WITH THE LIFE STAGES](#)

HOMEOWNERS RESOURCES

What can you do to help? **"Join The Battle, Beat the Bug, Stomp It Out!"**

This insect is an excellent hitchhiker and is easily moved if no one is looking. If you are in the quarantine area, please "Look Before You Leave."

Inspecting your vehicles, trailers, or any outdoor items before you move around or out of a quarantine zone is important (quarantine counties listed on [NJDOA website](#)). If possible, don't park in tree lines and keep windows rolled up when you park your vehicle. Know the life stages of the insect and when to look for them.

Using the recommendations developed by Penn State Extension, survey your own property. Any efforts you make in [destroying the Spotted Lanternfly](#) or its [egg masses](#) helps your property and community.

Reports are registered in a database for the USDA. *The database is used to help determine properties for treatment. Treatment is based on location, risk, and available funds.* Join the effort to control and prevent the spread of Spotted Lanternfly. We need everyone to protect their properties and communities from this invasive insect.

Spotted Lanternfly Management for Residents

Manage Spotted Lantern Fly on your property by scraping and destroying eggs, carefully using bands or traps on trees, removing preferred hosts, and using registered insecticides for control when appropriate. [Click here](#) for more information.

