

SPOTTED LANTERNFLY

— INFO ON —

SIGNS, SYMPTOMS
& MANAGEMENT



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SPOTTED LANTERNFLY LIFE CYCLE

ACTUAL SIZE: 1"



ADULT (with wings closed)
can be found July-December



ADULT (with wings open)
can be found July-December

ACTUAL SIZE: 1/4"



NYMPH (early stage)
can be found late April-July

ACTUAL SIZE: 1/2"



NYMPH (late stage)
can be found July-September



EGG MASS (fresh)
can be found October-December



EGG MASS (older)
can be found January-June

Images: Penn State

WHAT IS THE SPOTTED LANTERNFLY? This invasive planthopper, native to China, feeds on a wide range of fruit, ornamental, and woody trees.

WHERE IS THE THREAT? PA, with most states considered a risk

WHAT'S AT RISK? Almonds, apples, apricots, cherries, grapes, hops, nectarines, peaches, plums; trees such as maple, oak, pine, poplar, sycamore, walnut, and willow

SOURCE OF THE THREAT
Egg masses, juveniles, and adults hitchhiking on trees, plants, or any outdoor surfaces

SIGNS & SYMPTOMS
Plants that ooze or weep, have a fermented odor, buildup of sticky fluid on plants and on the ground

underneath, or sooty mold growing on infested plants

WHAT YOU CAN DO

- Check outdoor items for egg masses. Scrape any egg masses into a plastic zippered bag containing hand sanitizer, and close tightly before disposing.
- Inspect trees and plants, vehicles, trailers, or any outdoor items for egg masses. especially during dusk/nighttime when the insects tend to gather. Tree of Heaven (*Ailanthus altissima*) is their preferred host.
- Call the New Jersey Spotted Lanternfly Hotline at **1-833-223-2840 (BAD-BUG-0)**, email **SLF-plantindustry@ag.nj.gov**, or use the online reporting tool on the NJ Dept of Agriculture website.

THE FARM AT GREEN VILLAGE RECOMMENDS THE FOLLOWING:



BioAdvanced
3-in-1 Insect,
Disease, &
Mite Control



GardenTech
Sevin
Ready-to-Use
Insect Killer



Hi-Yield
Bug Blaster
Bifenthrin
2.4



Tanglefoot
Tangle Guard
Banding
Material



Tanglefoot
Tree
Tanglefoot
Insect Barrier