

Spotted Lanternfly (*Lycorma delicatula*) Best Management Practices for Businesses

Learn what Spotted Lanternfly (SLF) looks like and report them to the Virginia Extension Service <https://ext.vt.edu/agriculture/commercial-horticulture/spotted-lanternfly.html> or send a picture to the Virginia Department of Agriculture and Consumer Services (VDACS) at spottedlanternfly@vdacs.virginia.gov.

Kill any life stages of SLF found.

May – November: Kill Nymphs and Adults - If numbers are low they can be crushed or placed in a container of alcohol, diluted clorox (10%), or hand sanitizer. Larger populations can be treated with a contact or systemic insecticide.

September – May: Scrape egg masses into a plastic bag or container with alcohol, diluted clorox (10%), or hand sanitizer.

Do not park under trees or near bushes in your personal or company vehicles. This includes tractors, trailers or train cars.

Do not store any commodities under trees or near bushes that will be shipped or moved out of the area, including firewood.

Inspect all vehicles, trailers, tractors, or other means of conveyance. Kill any SLF found. Use the Inspection Statement to record your inspection.

Inspect all products, packaging, and containers for SLF life stages, including firewood. Kill any SLF found. Use the Inspection Statement to record your inspection.

Keep vehicle doors and windows closed while parked to avoid hitchhikers, including tractor-trailers.

Manage *Ailanthus altissima*, Tree of Heaven, SLF's favorite host. Remove 90% of all Tree of Heaven on your property and use the remaining 10% as trap trees. Treat the remaining 10% with a systemic insecticide from April thru September.

Be sure to use an herbicide when removing Tree of Heaven. It is a very strong stump and root sprouter so cutting it down will not completely remove the tree. Details for treating Tree of Heaven with an herbicide can be found in this publication: http://www.dof.virginia.gov/infopubs/Control-and-Utilization-of-Tree-of-Heaven-2019-03_pub.pdf.

Obtain a permit if you are in the SLF quarantined areas, the counties of Frederick, Clarke and Warren Counties, the City of Winchester, or if you do business in other SLF quarantined areas. The training to obtain the permit can be found at the Virginia Tech Spotted Lanternfly website: <https://register.ext.vt.edu/search/publicCourseSearchDetails.do?method=load&courseId=210837&selectedProgramAreaId=25577&selectedProgramStreamId>.

The person taking the training will be responsible for training additional staff and insuring the Best Management Practices listed above are followed by the company.

After training staff, all inspections conducted must be recorded on an Inspection Statement which must accompany the load that was inspected.

The Virginia SLF permit will be recognized and honored by other states so your product will not be delayed or be denied entrance.

