



Spotted Lanternfly (*Lycorma delicatula*) What Citizens Can Do

Learn what Spotted Lanternfly (SLF) looks like and report them to Virginia Extension Service or Virginia Department of Agriculture and Consumer Services. <https://ext.vt.edu/agriculture/commercial-horticulture/spotted-lanternfly.html>

Kill any life stage 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.

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

Buy firewood from a local source and try to burn it all before egg hatch in May.

Do not park cars, trailers, boats, RVs, ATVs or other means of conveyance under trees or near bushes.

Do not store any items that will be moved out of the area under trees or near bushes.

Inspect all vehicles, trailers, boats, ATVs, RVs or other means of conveyance before driving away from a site in Frederick County or the City of Winchester. Kill any SLF found. Use the self-inspection form to record your inspection.

Inspect all outdoor furniture, play sets, garden equipment, outdoor machinery or anything else stored outside before leaving a site in Frederick County or the City of Winchester for SLF life stages. Kill any found. Use the self-inspection form to record your inspection.

Keep vehicle doors and windows closed to avoid hitchhikers.

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 a herbicide when removing Tree of Heaven. It is a very strong stump and root sprouter. Details for treating Tree of Heaven with a herbicide can be found in this publication http://www.dof.virginia.gov/infopubs/Control-And-Utilization-of-TOH-2009-05_pub.pdf.



Scrape off life stages into a container.



Do not park or store items near trees or bushes.



Treat some Tree of Heaven with an insecticide.



Treat most Tree of Heaven with an herbicide.

SPOTTED LANTERNFLY - STOP THE SPREAD

The spotted lanternfly is an invasive insect that is putting American agriculture and forests at risk. Join us. Together, we can stop the spread of this destructive pest. Start inspecting for spotted lanternfly today.

VDACS CHECKLIST FOR CITIZENS

Record your self-inspection:

Date: _____ Property address: _____

Life stages of the spotted lanternfly



Egg mass
Sept.-June



Hatched nymph
April-July



Developed nymph
July-Sept.



Adult
July-Dec.

Before you load items that were stored outside, check for spotted lanternfly on:

- Play sets or toys
- Garden equipment
- Outdoor furniture
- Christmas trees

Before you leave your home or work site, check for spotted lanternflies on your vehicle's:

- Doors and side
- Grill
- Bumpers
- Wheel wells
- Roof
- Cargo

Remember to park away from trees when possible, and close windows and doors to keep out spotted lanternflies.

Check these items stored outside for pests before moving them to a new location:

- RVs, ATVs, boats, hunting stands
- Trailers
- Building materials, landscape stone
- Propane tanks
- Outdoor machinery
- Portable buildings



When you find an egg mass:

- Scrape it off into a plastic bag or container that contains rubbing alcohol or hand sanitizer.

When you find a nymph or an adult:

- Squash it

Report any spotted lanternflies you see to:

Virginia Cooperative Extension Service: <https://ext.vt.edu/agriculture/commercial-horticulture/spotted-lanternfly.html>

