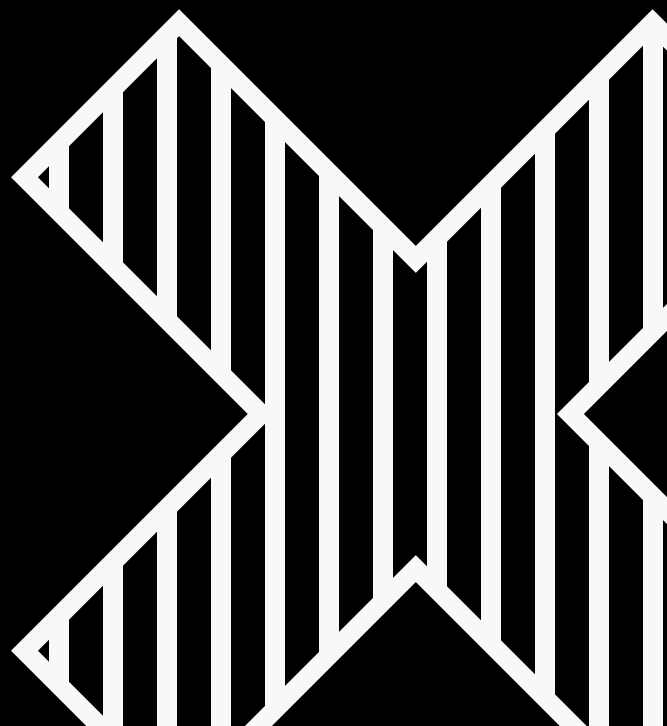




SPOTTED LANTERNFLY BUSINESS TOOL KIT



pennsylvania
DEPARTMENT OF AGRICULTURE



ABOUT SPOTTED LANTERNFLY

The Spotted lanternfly, *Lycorma delicatula* (White), is an invasive planthopper native to Asia first discovered in Pennsylvania in 2014.

Spotted lanternflies feed on sap from a myriad of plants but have a strong preference for grapevines, maples, black walnut, birch and willow. Their feeding damage stresses plants which can decrease their health and in some cases cause death.

It's not just our plants at risk, it's our economy.

The spotted lanternfly can impact the viticulture (grape), fruit tree, plant nursery and timber industries, which contribute billions of dollars each year to PA's economy. A recent economic impact study estimates that, uncontrolled, this insect could cost the state \$324 million annually and more than 2,800 jobs.

Pennsylvanian's Quality of Life can be impacted.

Spotted lanternflies excrete honeydew, a sugary waste that attracts bees, wasps and other insects and this waste builds up on any surface below them. The build-up of waste also leads to the growth of sooty mold and black-colored fungi.



HOW TO STOP THE SPREAD OF SPOTTED LANTERNFLY



Know Your Zones: The spotted lanternfly is quarantined in several Eastern states, so drivers who travel through these areas need to be extra careful that they aren't moving this pest. [Find your zone through the interactive spotted lanternfly map.](#)

If your business operates in or near an infested area, or if you receive shipments from an infested area:

- **Check Your Vehicle:** Before leaving a parking lot or work site, inspect vehicles for spotted lanternfly egg or insects. Check doors, sides, bumpers, wheel wells, grills, and roofs. If found, destroy any eggs or insects you find.
- **Inspect Items Being Moved:** Check shipping containers, propane tanks, pallets and other items being stored outdoors before they are moved off-site. Inspect incoming goods for egg masses and insects.
- **Park with Windows Closed:** The spotted lanternfly and its nymphs can enter vehicles unsuspectedly. When parked, make sure to keep windows closed. If possible, try to park 15 feet away from trees if in a quarantine zone.
- **Remove and Destroy Pests:** Crush nymphs and adult insects. Crush or scrape egg masses into a plastic bag containing hand sanitizer or rubbing alcohol to kill them. Treatment information can be found through [Penn State Extension](#) at extension.psu.edu, keyword: spotted lanternfly management.
- **Remove Host Trees:** Spotted lanternflies prefer the ailanthus tree, also known as "[Tree of Heaven](#)." Try to remove trees from the business property to avoid attracting spotted lanternfly.
- **Report Sightings:** [Report online](#) or by calling 1-888-4BAD-FLY (1-888-422-3359), Monday – Friday, 8 a.m. – 5 p.m. If possible, take a picture or capture the insect in alcohol.
- **Comply with Permitting:** Businesses operating in quarantine zones must have permits to move equipment and goods. Visit agriculture.pa.gov/spottedlanternfly for more information about permits.

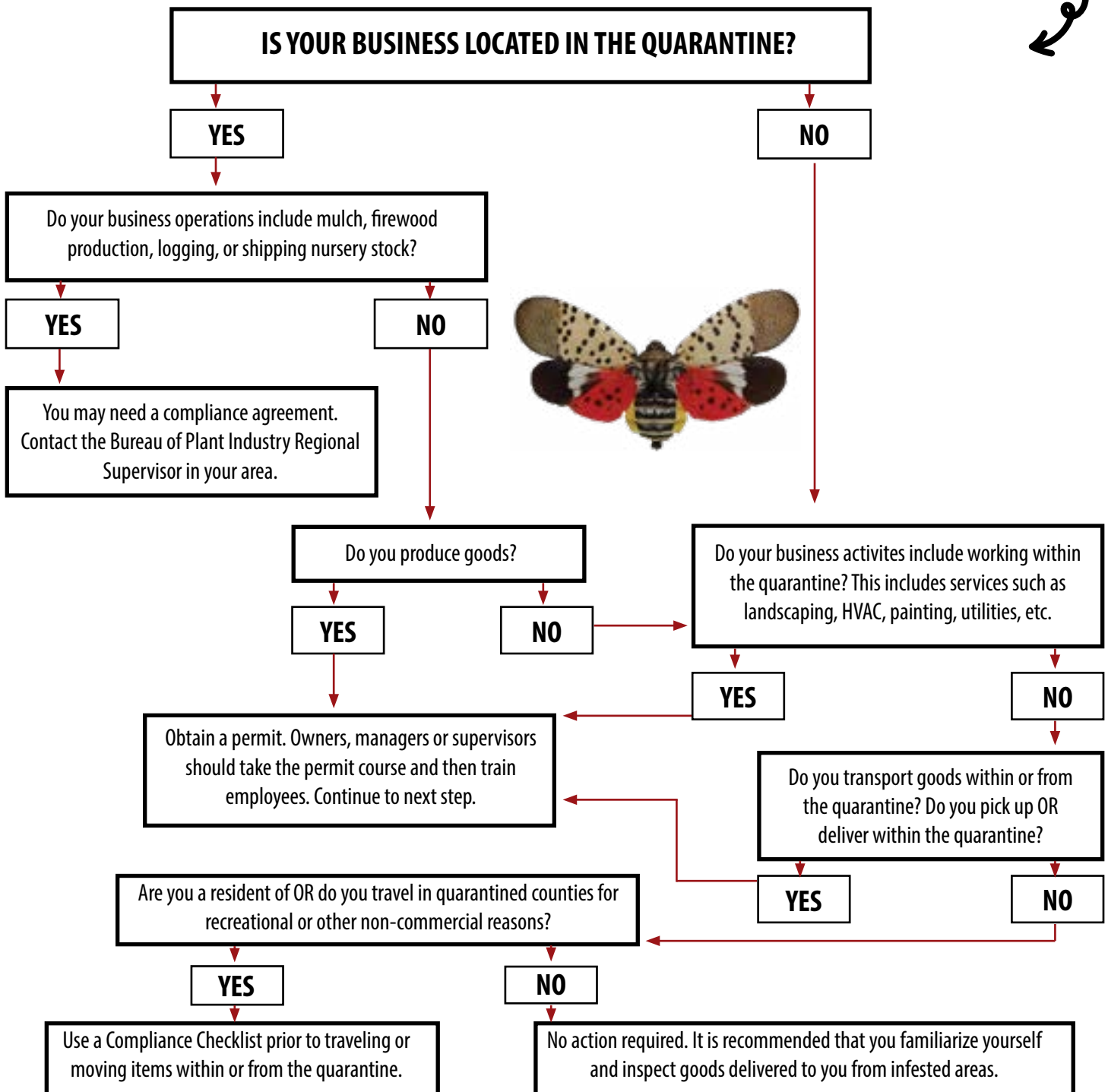
DETERMINING IF YOUR BUSINESS NEEDS A PERMIT

A Spotted Lanternfly permit is required for businesses, agencies and organizations (agricultural and non-agricultural) working within the [spotted lanternfly quarantine](#), which move regulated articles (defined as any living spotted lanternfly life stage, products, vehicles or other conveyances, etc.) within or out of the quarantine.

A county is placed under quarantine when evidence of a reproducing population of spotted lanternflies, such as an egg mass, is found by the Pennsylvania Department of Agriculture.

A permit is also required to move regulated articles into any part of Pennsylvania from areas in other states with established spotted lanternfly populations. You can use this decision tree to help determine if you need a permit or see the [Permit FAQs](#) for more guidance.

USE THIS DECISION TREE TO UNDERSTAND WHAT YOU NEED TO DO TO BE QUARANTINE COMPLIANT



MY BUSINESS NEEDS A PERMIT, NOW WHAT?

If your business or organization meets the criteria for requiring a spotted lanternfly permit, the designated employee(s) need to complete the [online course](#) offered by Penn State Extension and the Department of Agriculture.

This free, self-paced course will provide the information and resources necessary for the designated employee to then train fellow employees about best operating procedures within the quarantine zone. A permit will be issued to the designated employee after completing the online course.

[Downloadable training materials in English and Spanish are available.](#)

If you have questions about obtaining a SLF permit, please contact SLFPermit@PA.gov.

WE'RE PERMITTED - WHAT ELSE SHOULD WE DO?

The thing is, that if you are proactively taking steps to protect your business, your community and Pennsylvania's land you are actively protecting your partners, whether it's your vendors, suppliers or the very industries threatened by spotted lanternfly.

Businesses play a big role in stopping the spread and getting permitted is an important step in helping us stop spotted lanternfly from causing economic and environmental damage.

Steps to take:

- Inspect both outgoing AND incoming goods and materials to protect yourself from spotted lanternfly from an outside source.
- Incorporate pest control into vegetation management plans
- Use the interactive [SLF Permit Map](#) to find future partners that are permit holders in the U.S. and Canada.
- Ensure suppliers have permits and are striving to prevent the spread spotted lanternfly on their materials and vehicles to your location. If they are not, voice your concerns and expectations before they deliver to your location.

Encourage your partners to do the same for you, getting a spotted lanternfly permit is simple and businesses are supported through the process. There are also a variety of resources and tools to help maintain compliance and make it easy to do your part to stop the spread.

- [Use logs and compliance documents to meet requirements](#)
- [Report spotted lanternfly sightings online](#) or by calling 1-888-422-3359
- [Implement best management practices based on your industry](#)
- [Check out helpful fact sheets, videos, and webinars from Penn State](#)



SPOTTED LANTERNFLY

CHECKLIST FOR DRIVERS

Help keep spotted lanternfly from spreading. Before you leave your company lot or work site, check for spotted lanternflies on your vehicle's:

LIFE STAGES



EGG MASS - FRESH



EGG MASS - OLD



EARLY STAGE NYMPH



LATE STAGE NYMPH



ADULT

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

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

Check items stored outside for the pest before moving them to a new location:

- Propane tanks
- Outdoor machinery
- Wooden pallets
- Shipping containers

When you find an egg mass:

- Scrape it 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:

- Report [online](#) or by calling 1-888-4BAD-FLY (1-888-422-3359), Monday – Friday, 8 a.m. – 5 p.m. If possible, take a picture.

SPOTTED LANTERNFLY - CERTIFICATE OF INSPECTION



(A) Egg Mass:
September to May

(B) Early Nymph:
April to July

(C) Late Nymph:
July to September

(D) Adult (Wings Closed):
July to December

(E) Adult (Wings Open):
July to December

Prior to departing a location within the quarantine zone, inspect your vehicle and/or trailer, cargo and exterior equipment for Spotted Lanternfly (SLF). If you locate evidence of a SLF, you must destroy it.

REPORT SIGHTINGS TO: 1-888-422-3359 or <https://extension.psu.edu/spotted-lanternfly>.

SPOTTED LANTERNFLY VEHICLE CHECK:

Driver Name: _____

**This inspection log template provides an example of what to document for SLF inspections on vehicle and/or exterior equipment. Documentation is required, but businesses may adapt format as needed to blend with other businesses practices.*

DATE	TIME	TRUCK	TRAILER	QUARANTINE LOCATION	SLF FOUND	SLF DESTROYED	SLF NOT FOUND

By signing this checklist, I am confirming that I have inspected my vehicle for SLF prior to traveling within or out of the quarantine zone.

SIGNATURE: _____ DATE: _____



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SCAN ME FOR
AG'S WEBSITE:

