



## Spotted Lanternfly Best Management Practices For Landscape Contractors



### Spotted Lanternfly Prevention For Landscape Contractors without Spotted Lanternfly and Not in a Quarantine Area

Spotted lanternfly is an invasive and destructive pest that threatens Pennsylvania's agricultural commodities and trade, has a healthy appetite for our plants, and can be a significant nuisance to our quality of life and enjoyment of the outdoors. Preventing introduction is the most critical step you can take. Talk to your suppliers about how they are preventing the movement of spotted lanternfly.

#### Preparing for Incoming Plant Material and Hardgoods

- Find out or ask your supplier if they are in an area with established spotted lanternfly.
  - o Utilize the [Spotted Lanternfly Quarantine Map](#) for details of quarantined counties across the United States.
- Ask your supplier if they have a permit to transport plants and hardgoods such as stone, pavers, bagged products, etc. out of the quarantine area. If you are doing the transporting, you will need training and a permit. Learn more about the [permit program here](#).
- If you utilize a broker, ask if they use companies which are aware of spotted lanternfly and have permits.
- Ask about their spotted lanternfly inspection and management program.
- Ask how they train their staff to find and destroy living life stages and egg masses.

#### Upon Arrival of Plant Material and Supplies

- Identify a spotted lanternfly inspection area to keep newly arrived plants, supplies and hardgoods from a quarantine area separate from the rest of your materials.
- Train your staff to identify life stages and to know the seasonality of spotted lanternfly.
- Inspect plants, stone, tile, bagged products, etc. from spotted lanternfly quarantine areas prior to offering them for sale and before they are intermingled with other plants.
- Check racks with plant material and pallets which hardgoods may be delivered on for egg masses.

#### If Spotted Lanternfly are Discovered During Arrival Inspection

- If you discover any living life stage of spotted lanternfly during inspection, you have the right to reject delivery and have it returned to shipper.
- If living life stages of spotted lanternfly are discovered, immediately cover or enclose the product(s) to prevent escape and spread.
- Immediately notify your PA Department of Agriculture Regional Plant Inspector or Regional Office that you found spotted lanternfly on the deliveries you received. Timing is critical.
- Take a photo of the spotted lanternfly so confirmation can be made by your PA Department of Agriculture Regional Plant Inspector.
- Maintain customer and supplier information.

## **Spotted Lanternfly Management For Landscape Contractors with Spotted Lanternfly or in a Quarantine Area**

If spotted lanternfly is present at your facility, control and mitigation of the pest to prevent spread is essential. If you are in a county that has been quarantined, you are required to obtain a spotted lanternfly permit. Working with PA Department of Agriculture Inspectors and Penn State Extension staff can help you determine the best control methods for your garden center.

### **Inspect**

- Incorporate spotted lanternfly inspections into existing plant health checks and watering schedules to aid in minimizing the impact of inspections on the work day.
- All nursery stock, hardgoods, bagged outdoor mulch, pots, outdoor furniture, statues, etc. must be inspected for spotted lanternfly prior to shipment and installation.

### **Control Options**

Control of spotted lanternfly will be determined by the size of the infestation and methods you are most comfortable implementing. Control can include any combination of the following methods: **Squish and Scrape** living life stages and egg masses; utilize **Circle Traps** to capture and kill spotted lanternfly; apply **Contact Insecticides** to mitigate living populations.

More information on control and management for spotted lanternfly, including guides and product research, is available through [Penn State Extension](#).

### **Shipping within or from the Spotted Lanternfly Quarantine**

To prevent the spread of spotted lanternfly, products must be inspected and all living life stages removed and destroyed prior to loading and shipping. In addition to the permit, if your nursery stock ships to other states, you are required to obtain a compliance agreement. Visit the PA Department of Agriculture [Spotted Lanternfly Quarantine](#) website to learn more.

- All nursery stock, hardgoods, bagged outdoor mulch, pots, outdoor furniture, statues, etc. must be inspected for spotted lanternfly prior to loading and shipment.
- Identify a location in the shipping area away from other items where there is plenty of space to inspect materials prior to loading.
- If you are actively treating for adult spotted lanternfly, ensure you safeguard prior to loading, either by treating in an enclosed area or utilizing shade cloth to prevent re-introduction.
- If spotted lanternfly is active, load trucks early in the morning or late in the evening when activity is at the lowest.
- Leaving dead spotted lanternfly and/or old egg masses on items may cause your customers to think you have delivered infested items to them. Removing all life stages, dead or alive, will help you maintain good customer relations.
- Obtaining and informing customers and trade partners of your spotted lanternfly permit and compliance agreements shows your commitment to preventing the spread of spotted lanternfly.
- Inform your customers of all preventative work you do to keep this pest from spreading.
- Communicate with your PA Department of Agriculture Regional Plant Inspector or Penn State Extension office to keep up to date on spotted lanternfly news and research.

## Spotted Lanternfly Links

### PA Department of Agriculture

Plant Merchant Information and Certification:

[https://www.agriculture.pa.gov/Plants\\_Land\\_Water/PlantIndustry/plant-health/PlantMerchant/Pages/default.aspx](https://www.agriculture.pa.gov/Plants_Land_Water/PlantIndustry/plant-health/PlantMerchant/Pages/default.aspx)

Spotted Lanternfly:

[https://www.agriculture.pa.gov/Plants\\_Land\\_Water/PlantIndustry/Entomology/spotted\\_lanternfly/Pages/default.aspx](https://www.agriculture.pa.gov/Plants_Land_Water/PlantIndustry/Entomology/spotted_lanternfly/Pages/default.aspx)

Spotted Lanternfly Quarantine and Permit:

[https://www.agriculture.pa.gov/Plants\\_Land\\_Water/PlantIndustry/Entomology/spotted\\_lanternfly/quarantine/Pages/default.aspx](https://www.agriculture.pa.gov/Plants_Land_Water/PlantIndustry/Entomology/spotted_lanternfly/quarantine/Pages/default.aspx)

Spotted Lanternfly Mid-Atlantic Quarantine Map:

[https://www.agriculture.pa.gov/Plants\\_Land\\_Water/PlantIndustry/Entomology/spotted\\_lanternfly/quarantine/Documents/2022%20Mid%20Atlantic%20Map\\_2-1-22.pdf](https://www.agriculture.pa.gov/Plants_Land_Water/PlantIndustry/Entomology/spotted_lanternfly/quarantine/Documents/2022%20Mid%20Atlantic%20Map_2-1-22.pdf)

### Penn State Extension

Spotted Lanternfly: <https://extension.psu.edu/spotted-lanternfly>

Spotted Lanternfly Management Resources: <https://extension.psu.edu/spotted-lanternfly-management-resources>

Spotted Lanternfly Reporting: <https://extension.psu.edu/have-you-seen-a-spotted-lanternfly>