



How You Can Comply with the Spotted Lanternfly Quarantine Regulations

There is a new invasive insect in southeastern Pennsylvania, *Lycorma delicatula*, commonly known as the spotted lanternfly (SLF). This insect has the potential to be harmful to grapes, stone fruit, and trees. To try to limit the spread of SLF, the Pennsylvania Department of Agriculture (PDA) has established a quarantine order in municipalities where SLF already exists. All residents and businesses must comply with the regulations.

The PDA has the authority to fine anyone who willfully violates the quarantine order.

Here are some tips to help you avoid spreading SLF and be in compliance with the regulations.

- 1. Learn about which municipalities are included in the quarantine order. The area of the quarantine will continue to change as new discoveries are made.** As you move into and out of the quarantined area, you must make sure that you are not transporting any living life stages of the SLF to new areas which are not yet included in the quarantine. If you believe you have discovered SLF in any area outside of the current quarantined area, report your discovery to the PDA by sending a picture to badbug@pa.gov or calling 1-866-253-7189. The most recent quarantine map can always be found in the publications list at this site: http://www.agriculture.pa.gov/protect/plantindustry/spotted_lanternfly/Pages/default.aspx
- 2. Learn about what SLF looks like in every stage of its development throughout the year.**



The young nymphs are black with white spots and can be present from May until October.



The older nymphs are black and red with white spots and can be present from June until October.



The adults (shown at rest) can be present from July until late December. The adults are 1 to 1 1/4 inches long.



An adult showing the red underwings when disturbed (photo credit: Nancy Bosold)



The egg masses can be on trees, rocks, or any other solid object and can be present from September through May.



The empty remains of the eggs that have hatched can be found at any time of the year.

To see additional pictures of SLF go to:

<http://extension.psu.edu/pests/spotted-lanternfly/photos/spotted-lanternfly-what-to-look-for>

- 3. You should avoid parking or storing things under trees in infested areas.** The female SLF often lays eggs on

(continued)

objects that are under the trees she is feeding on. **You should try to change your habits about where you park.** Park vehicles in open fields, away from tree lines, or in a closed garage if possible. You should not store things that you might need to move to outside of the quarantined area under infested trees. These things include firewood, tools, construction supplies, equipment, or any other solid object.

4. Inspect all items that you need to move from within the quarantined area to areas outside the quarantined area. You should remove and destroy any SLF that you find before you move the item. Also check all vehicles, trailers, campers and equipment including around windshield wipers, grills, wheel wells, and truck beds. Inspect plant material, woody debris, lawn furniture, construction supplies, tools, and all solid objects. Remove SLF manually or use a pressure washer. You can destroy mobile stages of SLF mechanically by crushing them. Destroy eggs by smashing them or scraping them into a container of rubbing alcohol.

5. All businesses should consider entering into a compliance agreement with the PDA. A compliance agreement states that you know how to follow the rules of the quarantine order and agree to do all you can to ensure that the items you transport are not carrying SLF. The PDA is maintaining a list of companies who have set up compliance agreements at http://www.agriculture.pa.gov/protect/plantindustry/spotted_lanternfly/Pages/default.aspx, and people check this list to find companies who are in compliance. You will also receive documentation to share with your customers to show that you have a compliance agreement with the PDA. Contact your regional PDA office for more information: <http://www.agriculture.pa.gov/regional-offices/Pages/default.aspx>

6. Use the checklist for residents if you need to move items that are not included in a compliance agreement through a business. This checklist is a legal document to show that you have inspected the item, removed and destroyed any living life stages of SLF and you are in compliance. You can print the checklist, fill it out, sign it and take it with you when you move the item(s).

The checklist is available at this link: http://www.agriculture.pa.gov/Protect/PlantIndustry/spotted_lanternfly/Documents/SLF%20Checklist%2011-12-2014.pdf

7. If you sell plants, you should have them inspected by the PDA and receive a phytosanitary certificate.

Pennsylvania law requires horticultural businesses that produce and/or sell plants to have either a Nursery/Greenhouse License or a Nursery Dealer's License. When you have a license plant inspectors will check your plants and if they are found to be free of pests, you will receive a phytosanitary certificate as proof of this inspection. <http://www.agriculture.pa.gov/Protect/PlantIndustry/Phytosanitary/Pages/default.aspx>

8. If you sell and/or produce mulch you must use specific practices to ensure it does not harbor SLF. The specific practices are outlined in the fact sheet at this link: http://www.agriculture.pa.gov/Protect/PlantIndustry/spotted_lanternfly/Documents/The%20Spotted%20Lanternfly%20and%20Handling%20Yard%20Waste.pdf

You should note that the SLF regulations do not apply to grass clippings or autumn leaf collection. We believe that the SLF does not lay eggs on these light weight objects. Clippings and leaves may be moved from the quarantine area if necessary, as long as the truck and/or trailer you are hauling them with has been checked.

The regulations of the spotted lanternfly quarantine order are in place to prevent the SLF from being spread by people. This pest is not just a concern to agricultural and horticultural professionals, it is a community concern. To protect the agriculture industry, we need everyone to be aware of the best practices to avoid spreading SLF and use these practices in their daily activities.

You can see the official quarantine order, a summary in plain language and find more information at this link: http://www.agriculture.pa.gov/protect/plantindustry/spotted_lanternfly/Pages/default.aspx

Additional information is at this link:
<http://extension.psu.edu/pests/spotted-lanternfly>

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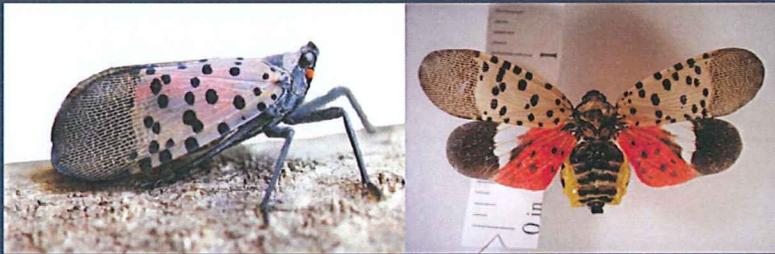
Penn State College of Agricultural Sciences research and extension programs are funded in part by Pennsylvania counties, the Commonwealth of Pennsylvania, and the U.S. Department of Agriculture. Where trade names appear, no discrimination is intended, and no endorsement by Penn State Extension is implied. This publication is available in alternative media on request.

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Checklist for Residents Living in Spotted Lanternfly Quarantine Areas

IMPORTANT: Before you move outdoor items from the quarantine area, check for spotted lanternfly egg masses, adults, and nymphs. Make sure all items are pest free before you move them. Help keep this pest from spreading.

If you find any of these life stages of the Spotted Lanternfly, remove, devitalize, place in a sealed bag, and dispose of bag in the garbage.



Adult Spotted Lanternfly, present in autumn months.

Fresh Spotted Lanternfly egg mass (outlined in red). Egg masses are present in autumn and winter months, blending in with their surroundings.



Spotted Lanternfly nymphs, present in spring and summer months. (Images from Park et al. 2009)



By signing this checklist, I am confirming that I have inspected my vehicle and those items I am moving from the Spotted Lanternfly quarantine area, and do not see any egg masses or insects in or on anything I am moving.

Signature _____ Address _____ Date _____

Please sign, date, and keep this checklist in your vehicle with you – use it each time you need it.

For more information, visit the Pennsylvania Department of Agriculture website:
www.pda.state.pa.us/spottedlanternfly

Checklist for Residents

Living in Spotted Lanternfly Quarantine Areas

IMPORTANT: Before you move outdoor items from the quarantine area, check for spotted lanternfly egg masses, adults, and nymphs. Make sure all items are pest free before you move them. Help keep this pest from spreading.

Check before you move

Recreational or Camping Items

- | | | |
|--|--|--------------------------------|
| <input type="checkbox"/> Backpacks | <input type="checkbox"/> Ice chests | <input type="checkbox"/> Tarps |
| <input type="checkbox"/> Basketball backboards | <input type="checkbox"/> Motorcycles | <input type="checkbox"/> Tents |
| <input type="checkbox"/> Bicycles | <input type="checkbox"/> Motor homes | <input type="checkbox"/> Other |
| <input type="checkbox"/> Boats/Boat trailers | <input type="checkbox"/> Recreational vehicles | |
| <input type="checkbox"/> Campers | <input type="checkbox"/> Snowmobiles | |

Outdoor Household Items

- | | | |
|--|---|---|
| <input type="checkbox"/> Barrels | <input type="checkbox"/> Propane or oil tanks | <input type="checkbox"/> Storm/Screen doors and windows |
| <input type="checkbox"/> Cardboard or wooden boxes | <input type="checkbox"/> Trash cans | <input type="checkbox"/> Window awnings |
| <input type="checkbox"/> Outdoor poles | <input type="checkbox"/> Refrigerators/Freezers | <input type="checkbox"/> Outdoor furniture |
| <input type="checkbox"/> Plant containers | <input type="checkbox"/> Storage sheds | <input type="checkbox"/> Other |
| <input type="checkbox"/> Firewood | <input type="checkbox"/> Shutters | |

Building Materials

- | | | |
|---|--|--|
| <input type="checkbox"/> Bricks/Cinder blocks | <input type="checkbox"/> Roofing materials | <input type="checkbox"/> Skidsters/Forklifts |
| <input type="checkbox"/> Cement mixing tubs | <input type="checkbox"/> Tools and toolboxes | <input type="checkbox"/> Pipes |
| <input type="checkbox"/> Lumber | <input type="checkbox"/> Workbenches | <input type="checkbox"/> Other |

Yard and Garden Items

- | | | |
|---|---|---|
| <input type="checkbox"/> Dog houses, rabbit sheds, chicken coops, etc | <input type="checkbox"/> Garden tillers | <input type="checkbox"/> Signs and posts |
| <input type="checkbox"/> Barbecue grills | <input type="checkbox"/> Yard decorations | <input type="checkbox"/> Storage sheds |
| <input type="checkbox"/> Carts | <input type="checkbox"/> Garden tools | <input type="checkbox"/> Tractors and trailers |
| <input type="checkbox"/> Cold frames | <input type="checkbox"/> Backhoes | <input type="checkbox"/> Trees, shrubs and plants |
| <input type="checkbox"/> Fencing | <input type="checkbox"/> Lawnmowers | <input type="checkbox"/> Other |

Children's Playthings

- | | | |
|---------------------------------------|---|--------------------------------|
| <input type="checkbox"/> Play houses | <input type="checkbox"/> Bicycles, scooters | <input type="checkbox"/> Other |
| <input type="checkbox"/> Kiddie pools | <input type="checkbox"/> Sandboxes | |