SEE IT, REPORT IT!

Spotted Lanternfly

What to do:

If you see egg masses, scrape them off, double bag and throw away.
You can also place the eggs into alcohol, bleach or hand sanitizer to kill them.

Collect a specimen:

Specimens of any life stage can be turned in to the New Jersey Department of Agriculture's lab for verification.

Take a picture:

With your GPS function turned on your smartphone or a camera with GPS, take a photograph of **ANY** life stage (including egg masses).

Submit picture to: **SLF-plantindustry@ag.nj.gov**

Report a site:

If you can't take a specimen or photograph, call and leave a message detailing the sighting location/address and your contact information.

NJ Spotted Lanternfly Hotline at 1-833-223-2840 (BADBUG0)

pennsylvania
DEPARTMENT OF AGRICULTURE

PennState Extension

Examples listed below are some of the available insecticide products containing the most effective ingredients studied (***dinotefuran, imidacloprid, carbaryl, and bifenthrin)***.

EXAMPLES OF PRODUCTS CONTAINING INSECTICIDES LABELED FOR USE IN LANDSCAPES AND GARDENS:

Contact insecticides (bifenthrin, carbaryl) - apply when adult insects are present:

AVALON INSECTICIDE
BIFEN 7.9F SELECT
FERTI-LOME BROAD SPECTRUM INSECTICIDE
FLEE READY-TO-USE YARD SPRAY
HOME MD MAXIMUM DEFENSE YARD CONCENTRATE
LESCO CROSSCHECK PLUS MULTI INSECTICIDE
MAXXTHOR SG
ORTHO MAX PRO
SEVIN
TALSTAR SELECT INSECTICIDE
UP-STAR GOLD INSECTICIDE

Systemic insecticides (imidacloprid, dinotefuran) – most effective when applied in spring and summer, before adults build up:

BAYER ADVANCED 12 MONTH TREE & SHRUB INSECT CONTROL
BONIDE ANNUAL TREE AND SHRUB INSECT CONTROL WITH SYSTEMAXX
COMPARE-N-SAVE SYSTEMIC TREE & SHRUB INSECT DRENCH
GREEN LIGHT TREE & SHRUB INSECT CONTROL WITH SAFARI
MONTEREY ONCE A YEAR INSECT CONTROL II
ORTHO BUG B GON YEAR-LONG TREE & SHRUB INSECT CONTROL CONCENTRATE
SPECTRACIDE TREE & SHRUB INSECT CONTROL
TRANSTECT 70 WSP INSECTICIDE
VENOM INSECTICIDE
ZYLAM LIQUID SYSTEMIC INSECTICIDE

EXAMPLES OF PRODUCTS CONTAINING INSECTICIDES FOR USE ON VEGETABLES, FRUIT, BERRIES AND GRAPES:

WHEN USING INSECTICIDES ON EDIBLE CROPS: It is especially important to follow directions for chemical application and timing from harvest as stated on the label.

AGWAY COMPLETE FRUIT TREE SPRAY
BONIDE COMPLETE FRUIT TREE SPRAY LIQUID
BONIDE EIGHT INSECT CONTROL FLOWER &VEGETABLE ABOVE AND BELOW SOIL INSECT GRANULES
HI-YIELD VEGETABLE & ORNAMENTAL INSECT CONTROL GRANULES
SEVIN
VEGETABLE GARDEN SOIL INSECTICIDE

The products listed above are registered for use in specific settings. Read the pesticide label and follow the directions, including application rates, methods, and appropriate protective clothing and equipment.

THE LIST IS PROVIDED BASED ON CURRENT PRODUCT REGISTRATIONS. THIS IS NOT AN ENDORSEMENT OF ANY PRODUCT OR PESTICIDE PRODUCER. THIS IS NOT A COMPLETE LIST OF POSSIBLE LABELED PRODUCTS OR BRANDS.

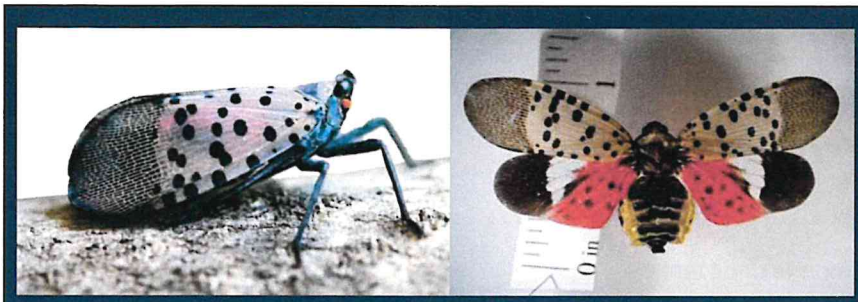
THESE INSECTICIDES HAVE NOT ALL BEEN TESTED AGAINST SPOTTED LANTERNFLY SPECIFICALLY, AND ADDITIONAL EXPERIMENTS ARE NEEDED TO DETERMINE THEIR EFFICACY.

September 2017

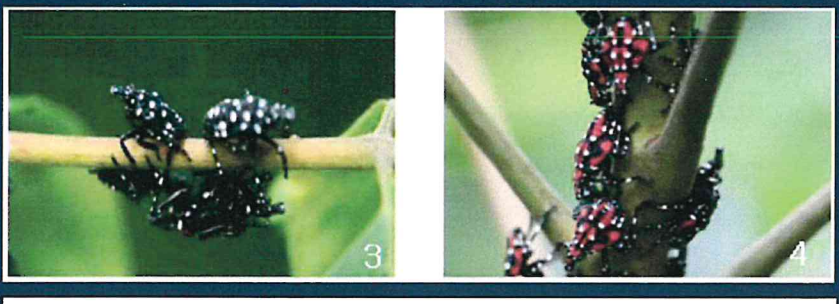
Checklist for Residents
Living in Spotted Lanternfly Quarantine Areas

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.



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

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

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 New Jersey Department of Agriculture website:
https://www.state.nj.us/agriculture/divisions/pi/prog/spottedlanternfly.html

NEW JERSEY
DEPARTMENT OF AGRICULTURE

Checklist for Residents
Living in Spotted Lanternfly Quarantine Areas

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Check before you move

Recreational or Camping Items

- ☐ Backpacks
- ☐ Basketball backboards
- ☐ Bicycles
- ☐ Boats/Boat trailers
- ☐ Campers
- ☐ Ice chests
- ☐ Motorcycles
- ☐ Motor homes
- ☐ Recreational vehicles
- ☐ Snowmobiles
- ☐ Tarps
- ☐ Tents
- ☐ Other

Outdoor Household Items

- ☐ Barrels
- ☐ Cardboard or wooden boxes
- ☐ Outdoor poles
- ☐ Plant containers
- ☐ Firewood
- ☐ Propane or oil tanks
- ☐ Trash cans
- ☐ Refrigerators/Freezers
- ☐ Storage sheds
- ☐ Shutters
- ☐ Storm/Screen doors and windows
- ☐ Window awnings
- ☐ Outdoor furniture
- ☐ Other

Building Materials

- ☐ Bricks/Cinder blocks
- ☐ Cement mixing tubs
- ☐ Lumber
- ☐ Roofing materials
- ☐ Tools and toolboxes
- ☐ Workbenches
- ☐ Skidsters/Forklifts
- ☐ Pipes
- ☐ Other

Yard and Garden Items

- ☐ Dog houses, rabbit sheds, chicken coops, etc
- ☐ Barbecue grills
- ☐ Carts
- ☐ Cold frames
- ☐ Fencing
- ☐ Garden tillers
- ☐ Yard decorations
- ☐ Garden tools
- ☐ Backhoes
- ☐ Lawnmowers
- ☐ Signs and posts
- ☐ Storage sheds
- ☐ Tractors and trailers
- ☐ Trees, shrubs and plants
- ☐ Other

Children's Playthings

- ☐ Play houses
- ☐ Kiddie pools
- ☐ Bicycles, scooters
- ☐ Sandboxes
- ☐ Other