

CITY OF VINELAND

RESOLUTION NO. 2021- 116

RESOLUTION AUTHORIZING THE EXECUTION OF A CONSENT AGREEMENT BY AND BETWEEN THE CITY OF VINELAND AND THE UNITED STATES DEPARTMENT OF AGRICULTURE FOR THE IMPLEMENTATION OF TREATMENT PROTOCOLS FOR THE CONTROL AND ERADICATION OF THE SPOTTED LANTERNFLY.

WHEREAS, the invasive insect known as the Spotted Lanternfly (Pest), which came from China, sucks the sap from the stems and leaves of trees and plants including apples, plums, cherries, peaches and Pine, weakening the plant and eventually contributing to its death; and

WHEREAS, the Pest will also attack vegetables and other produce being grown in the State and City; and

WHEREAS, the Pest was found in large numbers in Pennsylvania and is known for “hitching a ride” on tractor trailers leaving the State of Pennsylvania and travelling to Industrial Parks in New Jersey, including industrial areas where the Pest has been seen, more specifically 267 North Mill Road and 423 North Mill Road; and

WHEREAS, the United States Department of Agriculture (USDA) working cooperatively with the New Jersey Department of Agriculture (NJDA) has developed protocols to control and hopefully eradicate the Pest from New Jersey before the Pest has the ability to proliferate and cause damage to the vegetation within the State which includes treatment with herbicide and/or systemic insecticides, physical traps, contact insecticide treatment and egg mass treatment spraying; and

WHEREAS, more information regarding the Spotted Lanternfly and its treatment may be read at www.aphis.usda.gov/aphis/resources/pests-diseases/hungry-pests/slf and www.nj.gov/agriculture/division/pl/prog/spottedlanternfly.html and people are urged to report sightings of the specimen to the NJ Spotted Lanternfly Hotline at 1-833-233-2840; and

WHEREAS, the USDA and NJDA have requested the City of Vineland provide its consent to allow the treatment protocols to be administered within the city of Vineland including the Industrial areas at no cost to the City or its residents; and

WHEREAS, City Council of the City of Vineland finds it to be in the best interest of the City to consent to the treatment protocols and authorize the USDA and NJDA to perform the same on properties owned by the City.

NOW THEREFORE BE IT RESOLVED by the Council of the City of Vineland that the Mayor and Clerk are authorized to execute a Spotted Lanternfly Control Program Treatment Release Form as attached hereto for treatment protocols on 267 North Mill Road and 423 North Mill Road, Parcel ID: 0614_2703_20 and 0614_2701_21.

CITY OF VINELAND

BE IT FURTHER RESOLVED that this Resolution and attachments shall be disseminated to the public by posting the same on the City's website urging the property owners to execute the Treatment Release Form.

Adopted:

President of Council

ATTEST:

City Clerk

Invasive Pest Alert! – Spotted Lanternfly

Release date: 7/17/2018

Report sightings to the NJ Spotted Lanternfly Hotline at 1-833-223-2840

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)



The Spotted Lanternfly is an invasive pest, primarily known to affect tree of heaven (*Ailanthus altissima*), another invasive species from China which looks like a sumac. It has been detected on many host plants, including apples, plums, cherries, peaches, nectarines, apricots, almonds, and pine. It also feeds on oak, walnut, poplar, and grapes.

The insect will change hosts as it goes through its developmental stages. The nymphs feed on a wide range of plant species, while adults prefer to feed and lay eggs on tree of heaven (*A. altissima*).

The Spotted Lanternfly is Asian pest and was first detected in Pennsylvania in September 2014. Spotted Lanternflies are invasive and can spread rapidly when introduced to new areas. It is a strong jumper and tends to hop from location to location more than it flies, although it can also walk or fly short distances. Its long-distance spread has been facilitated by people who move infested material or items containing egg masses.

Damage Both nymphs and suck the sap from the stems and leaves, reducing photosynthesis, weakening the plant, and eventually contributing to the plant's death. In addition, feeding can cause the plant to ooze or weep, resulting in a fermented odor, and the insects themselves excrete large amounts of fluid (honeydew). These fluids promote mold growth and attract other insects.

Description Adult spotted lanternflies are approximately 1 inch long and one-half inch wide, and they have large and visually striking wings. Their forewings are light brown with black spots at the front and a speckled band at the rear. Their hind wings are scarlet with black spots at the front and white and black bars at the rear. Their abdomen is yellow with black bars. Nymphs in their early stages of development appear black with white spots and turn to a red phase before becoming adults. Egg masses are yellowish-brown in color, covered with a gray, waxy coating prior to hatching.

Where to Look

- During the day, Spotted Lanternflies tend to cluster near the base of the plant if there is adequate cover or in the canopy, making them more difficult to see.
- At night, both adults and nymphs may be seen in large numbers migrating up and down the trunk of the plant. They are easiest to spot at dusk or at night.
- Egg masses can be found on smooth surfaces on the trunks of host plants and on other smooth surfaces, including brick, stone, and dead plants.

What to do

- Inspect your trees and plants for signs of this pest, particularly at dusk and at night when the insects tend to gather in large groups on the trunks or stems of plants.
- Inspect trees (in particular, tree of heaven), bricks, stone, and other smooth surfaces for egg masses.
- If you find an insect that you suspect is the spotted lanternfly, please contact your local Extension office or State Plant Regulatory Official to have the specimen identified properly.
- The NJ Department of Agriculture instructs that if you see egg masses, scrape them off, double bag and throw them away. You can also place the eggs in alcohol, bleach or hand sanitizer to kill them.

Collect a Specimen The NJDOA will accept a specimen of any life stage at their lab for verification.

Take a Picture Turn on your smartphone or camera's GPS functionality and take a photo of ANY life stage (including egg masses). Submit the photo to SLF-plantindustry@ag.nj.gov.

Report a Site If you can take a specimen or photo, call the NJ Spotted Lanternfly Hotline and leave a message detailing the sighting location/address and your contact information. NJ Spotted Lanternfly Hotline 1-833-233-2840.

Credit: <http://ewingnj.org/Newsroom/Press-Releases/2018/July/Invasive-Pest-Alert!-%E2%80%93Spotted-Lanternfly.aspx>

Additional Resources: <https://www.nj.gov/agriculture/pdf/SLFinfo.pdf>



United States Department of Agriculture
Animal and Plant Health Inspection Service



**UNITED STATES DEPARTMENT OF AGRICULTURE
SPOTTED LANTERNFLY (SLF) COOPERATIVE CONTROL PROGRAM
URGENT NOTICE**

Dear Property Owner/Manager:

The invasive insect Spotted Lanternfly (*Lycorma delicatula*), or its primary host tree, tree-of-heaven (*Ailanthus altissima*), has been found on or near your property. This insect pest has the potential to impact your property or business and the quality of life in surrounding communities. It will feed on different trees and plants that may be on your property or along the roadside. Treatment of the pest reduces the vast risk presented to agricultural crops like grapes, fruit trees, and forests. Spotted Lanternfly travels very easily by “hitching a ride” on vehicles and materials that have been stored outdoors (lumber, playground equipment, grills, landscaping materials, tools, etc.).

The United States Department of Agriculture (USDA), working cooperatively with the New Jersey Department of Agriculture (NJDA), has determined the vegetation on your property is impacted with Spotted Lanternfly. Therefore, we are seeking your consent for the below identified treatment protocol(s). Please be advised that all treatment protocols adhere to Federal, State and Local regulations. There is no charge for this service provided by the USDA.

In some situations, we will use a combination of insecticide and herbicide application methods. It may not be possible to determine all applicable treatment protocols for a property until a full site assessment has been completed by USDA or NJDA. Please be advised, this is a multi-year treatment and may require return visits by USDA or NJDA to monitor successful treatment or to repeat specific applications.

Treatment Protocols

1. Herbicide and/or systemic insecticide: Primary host trees, Tree-of-Heaven, will receive an herbicide treatment to reduce the primary host population (triclopyr or similar). Trees posing a property risk or other hazard will be treated with a systemic insecticide (dinotefuran or similar). The SLF will continue to feed on the insecticide-treated primary host(s), and, in turn, the pest will ingest the chemical application and die.
2. Trap tree: Select host trees will be treated with a systemic insecticide to kill the pest following ingestion. Physical traps may be placed on the tree to monitor SLF population and further reduce the insect population.
3. Contact insecticide: Trees and shrubs will receive treatment with bifenthrin or beta-cyfluthrin insecticide for SLF from a handheld or backpack sprayer to kill insects on contact. ATV or truck mounted sprayers may be utilized on suitable properties.
4. Egg mass treatment: Egg masses which cannot be scraped or destroyed manually will receive an application of a pest spray oil (Golden Oil or similar) in order to suffocate eggs prior to hatching.

We are requesting your cooperation and consent to have the trees on your property treated. **Please complete and return the enclosed treatment release form to the address on the release form.**

To learn more about the spotted lanternfly and control methods, visit:

- <https://www.aphis.usda.gov/aphis/resources/pests-diseases/hungry-pests/slf>
- <https://www.nj.gov/agriculture/divisions/pi/prog/spottedlanternfly.html> .

Thank you in advance for your cooperation.

**SPOTTED LANTERNFLY COOPERATIVE CONTROL PROGRAM
TREATMENT RELEASE FORM**

Please complete and return to your local USDA APHIS PPQ office (address provided below). Thank you.

First & Last Name (print):	City of Vineland, New Jersey
Business/Farm Name (if applicable):	
Address of property (or, properties) to be treated:	
Phone Number(s):	856-794-4000 x4623 or x4010 or 4600
Email Address:	rtonetta@vinelandcity.org
Comments/Instructions:	Our Industrial Parks receive transports from neighboring states including Pennsylvania which has been inundated with the pest. It is imperative that we treat these areas as trucks inadvertently bring in the pest.

I hereby agree to participate in the treatment program for Spotted Lanternfly (*Lycorma delicatula*) which may include targeted treatment of the host tree, Tree of Heaven (*Ailanthus altissima*), and other host trees. I understand that there is no cost for this service. The treatment protocol is described in the attached material. I certify that I am the owner or person in charge of the property (or properties) and trees located at the above address(es) and grant permission to enter the premises for the sole purpose to inspect, treat and return to verify treatment of the host tree of the Spotted Lanternfly. I give permission to the employees and agents of the cooperating entities (United States Department of Agriculture, New Jersey Department of Agriculture), and any firms including contractors and sub-contractors hired to treat spotted lanternfly. Entities shall be fully insured and possess proper pesticide handling certification. If the property (or properties) located at the above address(es) are owned by a corporation or partnership or an individual other than me, I certify that I have the authority to execute this instrument on behalf of such corporation, partnership, or individual.

Dated: 02/22/2021
MM/DD/YYYY

Signature
Anthony R. Fanucci, Mayor City of Vineland
Printed Name of Signatory

PLEASE COMPLETE & RETURN TO:

USDA APHIS PPQ - Spotted Lanternfly
350 Corporate Blvd, Robbinsville, NJ 08691
OR SCAN AND EMAIL TO:
Tiffany.R.Mauro@usda.gov

Or contact your local USDA/NJDA representative. For questions specific to your property, please call:

Phone: 6092595249

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County		Responsible Agent	Logan Self
Parcel ID(s)			