Spotted Lanternfly: A New Invasive Species

Links:
- NYSIPM SLF page [https://nysipm.cornell.edu/environment/invasive-species-exotic-pests/spotted-lanternfly/](https://nysipm.cornell.edu/environment/invasive-species-exotic-pests/spotted-lanternfly/)
- iMapInvasives SLF: [https://www.nyimapinvasives.org/slf](https://www.nyimapinvasives.org/slf)
- Direct link to report SLF: [https://survey123.arcgis.com/share/a08d60f6522043f5bd04229e00acdd63](https://survey123.arcgis.com/share/a08d60f6522043f5bd04229e00acdd63)

Questions:

Q: What pesticides can I use to control spotted lanternfly?
A: Information on insecticides labeled for use against spotted lanternfly in NY can be found here: [https://nysipm.cornell.edu/environment/invasive-species-exotic-pests/spotted-lanternfly/insecticides-use-spotted-lanternfly/](https://nysipm.cornell.edu/environment/invasive-species-exotic-pests/spotted-lanternfly/insecticides-use-spotted-lanternfly/). If you live outside of NY, please contact your local Extension office for information about what is allowed in your state. Always read and follow the label of any pesticide. The label is the law.

Q: Does the early instar of the spotted lanternfly look like the black willow aphid?
A: Yes they do. That’s a good point. But you’ll find the spotted lanternfly instars are more active/mobile than aphids.

Q: Will SLF harm sugar maple or sap production?
A: Although they can feed on sugar maples it’s not their favorite of the maples so they don’t stay there too long. You are more likely to see them feed more consistently on red maple or silver maples. In rare situations there has been a small amount of branch dieback that’s been associated with their feeding on red maple. It appears that spotted lanternfly will not negatively impact sugar maple trees or syrup production.

Q: Will there be efforts to eradicate *Ailanthus* [tree of heaven] to contribute to control new infestations?
A: The plans for management are still being formulated but we anticipate that in some situations trees will be removed to attempt eradication. Also I believe insecticides will be used on trap *Ailanthus* trees.

Q: After I report spotted lanternfly what steps do I take to eradicate it?
A: In NY, NYS Ag & Markets will assist with eradication plans after the report is submitted. In some locations such as Staten Island where it is widespread, it’s too late for eradication so management plans will be put into place.

Q: Do they feed only as adults?
A: All life stages (except the egg) feed on plant juices.

Q: I grow grapes organically. What is the best way to keep these under control organically?
A: Answered live: [https://youtu.be/p_1U1Y1Cn8E?t=1600](https://youtu.be/p_1U1Y1Cn8E?t=1600); NYSIPM’s Spotted Lanternfly website about insecticides: [https://nysipm.cornell.edu/environment/invasive-species-exotic-pests/spotted-lanternfly/insecticides-use-spotted-lanternfly/](https://nysipm.cornell.edu/environment/invasive-species-exotic-pests/spotted-lanternfly/insecticides-use-spotted-lanternfly/)
Q: Does the honeydew attract sooty mold?
A: Yes, honeydew excreted from sap-feeding insects can lead to the growth of sooty mold. In addition, the honeydew can attract stinging insects such as bees and wasps, and flies that will forage on the sweet liquid. For more information: http://ipm.ucanr.edu/PMG/PESTNOTES/pn74108.html

Q: Last year I had massive infestation of gypsy moths scraped eggs out of trees and drowned was on ladders killed a ton. Do same here?
A: Answered live: https://youtu.be/p_1U1YICn8E?t=1713