

Eastern Region Nursery and Greenhouse Program  
Danny Lauderdale, Area Specialized Agent



## Eastern NC Nursery News

May 2019

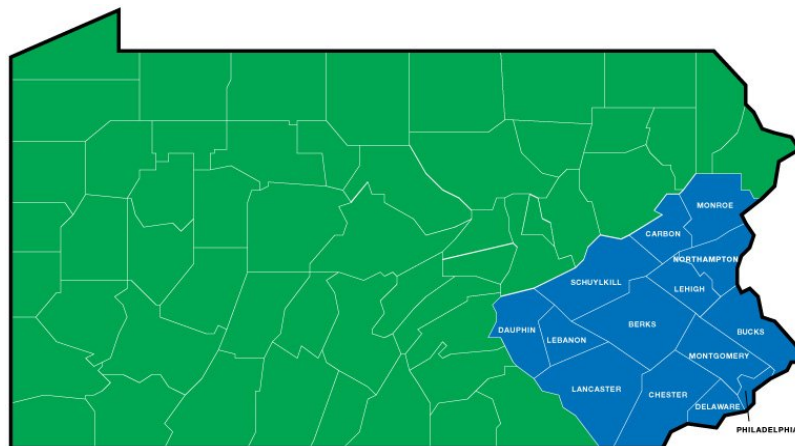
Find the latest information about nursery production in Eastern NC below!

[Visit Danny's Website](#)

### Help Stop the Spread of Spotted Lanternfly. Do you need a spotted lanternfly permit?

According to the Penn State Extension website, "Spotted lanternfly, an invasive species first discovered in 2014 in Berks County, Pennsylvania, has the potential to cause considerable damage to many valuable crops in Pennsylvania and beyond.

To stop its spread, the Pennsylvania Department of Agriculture issued a quarantine for counties where the



■ Not found ■ Present

**Quarantine Counties in PA include: Berks, Bucks, Carbon, Chester, Dauphin, Delaware, Lancaster, Lebanon, Lehigh, Monroe, Montgomery, Northampton, Philadelphia, and Schuylkill.**

presence of this pest has been confirmed. Businesses operating in the quarantine zone must have permits to move equipment and goods within and out of the zone."

So if you are a nursery grower and you deliver plants to one of the quarantine counties in PA, do you need a spotted lanternfly permit? The answer appears to be yes according to this website: <https://extension.psu.edu/does-your-business-need-a-spotted-lanternfly-permit>

It says as one example " An agricultural business that is based outside the quarantine zone routinely delivers produce to a retail distribution center in the quarantine zone. The truck stops in the zone, unloads product, may or may not load material for the return trip. This business needs a permit. This business, although it is based outside the quarantine zone, needs to have a Spotted Lanternfly permit." Basically if you deliver to an area with spotted lanternfly and you stop and unload the insects have time to land and hitch hike back with you.

The good news is that the training course is free and online. Basically according to the training webpage, it says, "Once a designated employee passes this course, his or her company will receive spotted lanternfly permits for company vehicles. The designated employee must train fellow employees to work in the quarantine zone without inadvertently spreading these insects and endangering agriculture and commerce. Downloadable training materials, including PowerPoint presentations and fact sheets, are available in the course."

The free course can be found online at: <https://extension.psu.edu/spotted-lanternfly-permit-training>

Thanks to Jeff Allegood for pointing this out to me so we could spread the word!

## Red Headed Flea Beetle Update



**RHFB adult and damage on hybrid hibiscus.**

Adult red headed flea beetles are out throughout eastern NC. As of May 21 we have accumulated the following GDD at these general locations:

Raleigh 989 GDD, Elizabeth City 1142 GDD, Greenville 1170 GDD, Fayetteville 1258 GDD, Wilmington 1374 GDD.

Adults emerge earlier from plants overwintered in structures, usually as early as 600 to 800 GDD. Plants that were kept outdoors for the winter typically see adults emerge around 1000 GDD. If you have not seen adults yet, check your GDD at one of the sites below, it will likely be soon if you

have had them before. Keep a diligent check and watch closely even for small populations. Those small numbers if left will multiply in the second generation. We should have adults out feeding over the next several weeks and then probably have a lull in mid to late June depending on where you are. By early July the second generation will have emerged everywhere and then adults will be found through sometime in November.

If you want to monitor GDD yourself try one of these sites:

<http://uspest.org/cgi-bin/ddmodel.us>

<http://www.greencastonline.com/growing-degree-days/home>

I have posted links to several informational resources about RHFB on my [website](#).

If you have questions about controlling RHFB, need help getting started monitoring GDD, or want to develop an Integrated Pest Management Plan for this insect, contact me and we can work on a management plan for your situation.

## Flatheaded Apple Borer Survey, Help Further Research and Education Efforts to Manage this Pest of Red Maple and other Deciduous Species

Dr. Anthony LeBude asked that I share the following link with growers and encourage them to fill out the survey on your experience with flatheaded apple borer:

<https://go.ncsu.edu/fabsurvey>

It is important to get grower input on common pests like this one in order to support research and education projects to expand our knowledge of pests like these and improve management options.

There is also a workshop on flatheaded apple borer in Tennessee on July 1. Information can be found [here](#). Also here is a good [factsheet link](#) about identifying and managing this insect pest.



**Damage from flatheaded apple borer larva. (photo by Steve Frank, NC State)**

Pesticide disclaimer: Recommendations for the use of agricultural chemicals are included in this publication as a convenience to the reader. The use of brand names and any mention or listing of commercial products or services in this publication does not imply endorsement by NC Cooperative Extension nor discrimination against similar products or services not mentioned.

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The Eastern Region Nursery and Greenhouse Program at NC Cooperative Extension is your source for research-based production information for greenhouse and nursery crops in Eastern North Carolina.

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