

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



Eastern NC Nursery News

May 2018

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

Visit Danny's Website

Don't Forget Ambrosia Beetles Just Yet

Last Friday we were still catching granulate ambrosia beetles in traps in central eastern NC. Fluctuating temperatures have resulted in a sporadic season of activity. First emergence came as early as February 10 in some areas. There was no activity in the traps I was monitoring in March. April was a little more consistent. Every year and area is different and thus important for anyone that has issues with this insect to trap at their nursery.

More information can be found at:

<http://ecoipm.org/research/nursery-and-greenhouse-ipm/exotic-ambrosia-beetles/>



Photo by Eric Derstine

Red-Headed Flea Beetle Update

GDD from across the region:

Wilmington area: 825-850
Fayetteville area: 750-800
Greenville area: 650-675
Smithfield area: 575-600

Rocky Mount-Wilson area: 575-600
South Wake County area: 550-575

I have installed 3 trials targeting larvae this spring. 2 are focused on drench or topdress pretreatments before egg hatch. They were treated about a month ago. I have begun harvest of those trials. The last one was treated a week ago targeting hatched larvae with contact products and harvest will begin later this week or early next week.

I have not gotten any reports yet, but adults should be out in the southern Counties by now (Wilmington area at least and possibly up to Fayetteville). Please send me an email or text when you have adult emergence so I can track progress.

Use these to track your specific GDD:
<http://uspest.org/cgi-bin/ddmodel.us>



RHFB larvae found in April 2018.

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

Cold Injury Resource Updates

Cold Injury Meeting Date, Time, and Location:

June 21 from 12 pm to 2 pm has been selected as the meeting date and time for a round-table discussion of nursery cold injury. The meeting will be held at the Wilson County Agricultural Center, 1806 SW Goldsboro St., Wilson, NC 27893. Lunch will be sponsored by Jericho Farms. To register click the link below, fill out the registration form, and submit it:

<http://go.ncsu.edu/2018coldinjury>

Cold Injury Assistance: NEW INFORMATION

I have some updated information about the Tree Assistance Program (TAP). I was just informed on May 3 about this: "The annual payment acreage limitation has been increased from 500 to 1,000 acres and the \$125,000 per person and legal entity payment limitation has been removed." Contact your local county FSA office for more information and to apply.

FSA TAP links:

[FSA Disaster Assistance Fact Sheet](#)
[FSA TAP Fact Sheet](#)



This thermal blanket provided good protection.

Potato Leaf Hoppers on Red Maples

I have not gotten yellow sticky cards out yet but I am getting cards to Sam Marshall, Brunswick County Horticulture Agent, early this week to start monitoring in the southern part of our region. Last year we had a significant increase in population around May 15 but each year is different. As soon as we get some on traps I will spread the word.

If left untreated, saliva injection during feeding results in hopperburn on maples that looks like a foliar burn, witches' broom, or anthracnose. After leaf hoppers

arrive applications of pyrethroid insecticides every two weeks are necessary to prevent damage which will need to continue until frost. Up to 10 - 12 applications may be necessary. If your nursery has repeated injury from this insect you might consider application of a neonicotinoid drench before leaf hopper arrival in the future to prevent damage for two growing seasons. Check out the Maple Chapter in the IPM Tree Book at: https://wiki.bugwood.org/IPM_book for more info including resistant cultivars.



Potato leaf hopper nymph and adult.

Important Dates

May 24, 10 AM - 2 PM, Pesticide Disposal Collection, Wilson County Agricultural Center, Contact Tommy Batts, Extension Agent, at 252-237-0111.

June 21, 12 pm - 2 pm, Cold Injury Meeting, Wilson County Agricultural Center, 1806 SW Goldsboro St., Wilson, NC 27893. Lunch sponsored by Jericho Farms. To register fill out form at:
<http://go.ncsu.edu/2018coldinjury>

August 8, 4 - 8 PM, Eastern NC Nursery Field Day, Castle Hayne Research Station, Contact Danny Lauderdale for more information. Registration information will be available in June.

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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