

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



Eastern NC Nursery News

June 2018

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

[Visit Danny's Website](#)

Cold Injury Meeting

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 email me the names of those attending.



Wilson County Agricultural Center

Come to the meeting prepared to discuss:

- What protection methods did or did not work.
- What species of plants were damaged (I will also ask for an anonymous dollar estimate of lost sales that we can pass on to legislators and administrators).
- If you have applied for the Tree Assistance Program through your County FSA Office (what has that experience been like, what improvements would you like to see?).
- Are there other options for cold/winter injury protection we have not thought about?
- What do you plan to do differently this coming winter?

Check Red Maples for Gloomy Scale Crawlers Now

Early June is a great time to get out a hand lens and get up close and personal with your red maples (*Acer rubrum*). This time of year over a 6 to 8 week period eggs hatch and crawlers emerge. It is a great time to target this most sensitive life stage.

More information can be found at:

<https://content.ces.ncsu.edu/gloomy-scale-1>

Red-Headed Flea Beetle Update (*Systema frontalis*)

GDD from across the region:

Wilmington area: 1575-1600

Fayetteville area: 1525-1550

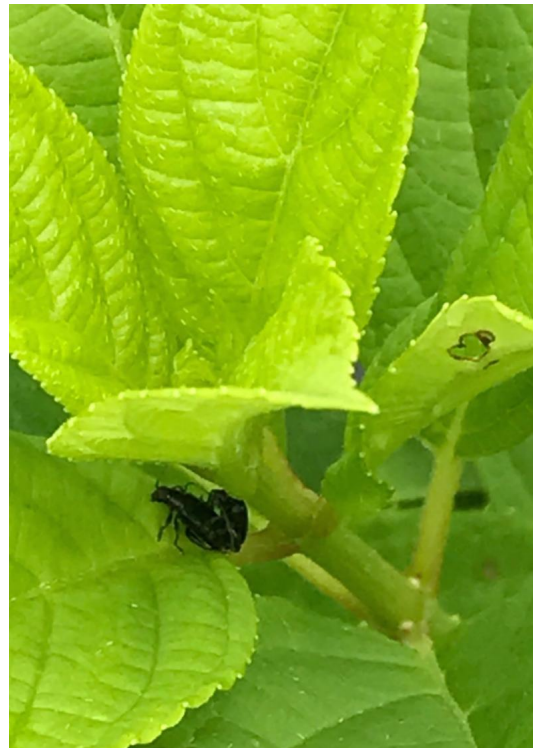
Greenville area: 1360-1385

Smithfield area: 1275-1300

Rocky Mount-Wilson area: 1255-1280

South Wake County area: 1400-1425

Adults are out in force throughout eastern NC at this point. Mating occurs very early after adult emergence...I have seen it within 1 week. Second generation larvae will hatch as early as 1800-1900 GDD. As this approaches you should see a lull in adult activity. Second generation adults emerge as early as 2100-2200 GDD. After that throughout the summer and fall every life stage will be present as generations overlap. Last year I had reports of adult activity as late as November 20.



RHFB mating pair on May 22, 2018.

Don't always assume that damage to plants or weeds along border areas is caused by RHFB. I have repeatedly found other species of flea beetles in these border areas on weeds and native plants. Just last week I collected some that looked slightly similar to RHFB (including red head but the features were not exactly correct) feeding on common dayflower. I had them identified through the NC State Plant Disease and Insect Clinic as a leaf beetle of the species *Oulema sayi*. I have not noticed this species feeding on plants in nursery production.

Use these to track your specific GDD:

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

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

Eastern NC Nursery Field Day, August 8, 2018

3800 Castle Hayne Rd., Castle Hayne, NC 28429

I look forward to this event that will focus on:

Monitoring Water Quality, Dr. Anthony LeBude

Preemergence Weed Management, Dr. Joe Neal

Ambrosia Beetle and Red Headed Flea Beetle Update, Danny Lauderdale

Registration information will be available by late June.

The planned schedule is:

4 pm Check in

4:15 pm Welcome and Introductions

4:30 pm Field Day topics

6:30 pm Low Country Boil (sponsored by Old Courthouse Nursery)
8 pm Adjourn

Important Dates

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 email Danny with names of those attending.

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 late 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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