

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



Eastern NC Nursery News

May 2017

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

[Visit Danny's Website](#)

Potato Leaf Hopper Alert, May 16, 2017!

Potato leaf hoppers have arrived in eastern NC. Numbers on sticky traps in Brunswick and Wayne County nurseries have increased significantly over the past week. If left untreated, saliva injection during feeding results in hopperburn on maples that looks like a foliar burn, witches' broom, or anthracnose. At this point in the season 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. See more in the maple chapter in the IPM Tree

book at:

[Maple Chapter](#)



Hopper burn on red maple will show up later this season after feeding resulting in stunting tip growth and increased formation of multiple leaders.

Irrigation Workshop

Anthony LeBude, Extension Nursery Specialist, has put together a great irrigation management workshop and tour to be held June 15, 2017 at the JC Raulston Arboretum. Cost is only \$40 for the symposium and lunch and just \$45 for symposium, lunch, and tour...quite a bargain! For registration visit:

[Irrigation Management Symposium Registration](#)

Contact Anthony for more information at:

avlebude@ncsu.edu

Tools and Technologies for Irrigation Management in Container and Field Nurseries with a Tour of Two Nurseries



Thursday, June 15, 2017, at the JC Raulston Arboretum
4415 Beryl Road, Raleigh, NC 27606

Register \$45: <http://go.ncsu.edu/irrigationmanagementsymposium>

8:30 a.m. to 1:00 p.m. Irrigation Management Symposium (limited to 60 people)

1:00 p.m. to 5:30 p.m. Nursery Tour (limited to 40 people)

Contact Anthony LeBude (828) 684-3562 or avlebude@ncsu.edu

- Learn how to expand production when current water supplies are limiting.
- Reduce crop production times and apply fewer pesticides.
- Obtain a comprehensive understanding and critical evaluation of all irrigation technologies available to you right now to save water and money in nursery production.
- Take advantage of this opportunity to learn about irrigation strategies from the researchers who developed, implemented, or evaluated them.

Time	Title and Speaker
8:15 am	Welcome and opening remarks , Dr. Anthony LeBude , NC State University
8:30 am	<i>Save costs by refining your substrate and nutrient program.</i> Dr. Jim Owen , Virginia Tech
9:00 am	<i>Irrigating to keep nutrients in their place helps grow more with less.</i> Dr. Tom Fernandez , Michigan State U.
9:30 am	<i>Is a one-size-fits-all irrigation system drowning your profits?</i> Dr. Amy Fulcher , U. Tennessee
10:00 am	<i>Effective chlorination of irrigation water: dosing, filtration, pH, and measurement.</i> Dr. Paul Fisher , U. Florida
10:45 am	<i>Use of evapotranspiration-based irrigation in the container nursery.</i> Dr. Tom Yeager , U. Florida
11:15 am	<i>New tools for old problems: New solutions for saving water, nutrients, and time.</i> Dr. John Lea-Cox , U. Maryland
12:15 pm	Lunch provided (Old-Tyme Barbecue)
1:00 pm	Depart JC Raulston Arboretum (Tour limited to 40 people)
1:45 pm	Arrive Currin's nursery , Willow Spring, NC
3:15 pm	Arrive Panther Creek Nursery , Willow Spring, NC
5:30 pm	Arrive JC Raulston Arboretum

This is an outcome of
NC1186:Water Management and Quality for Ornamental Crop Production and Health



Red Headed Flea Beetle Update

Red headed flea beetle first generation adults will continue to emerge over the next few weeks throughout eastern NC. Let me know when you have first emergence and what is in bloom. Review control information at:

[Red Headed Flea Beetle Biology and Management](#)



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.

Danny Lauderdale | Area Specialized Agent | 252-714-0274 | danny_lauderdale@ncsu.edu | <https://wilson.ces.ncsu.edu/profile/danny-lauderdale/>

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