Grower Spotlight

Lynn’s Nursery
70 Crowder Road
Leicester, NC  28748
(828) 683-4795 (phone)
(828) 683-6324 (fax)

- **Owner, Sales & Grower:** Lynn and Greg Black
- **Number of employees:** 4 full-time
- **Square feet/ acres of business:** 7 ½ acres & 26 cold frames; and leased space in Mobile, AL
- **Grand opening date:** 1988
- **Product mix:** Trees, shrubs, natives, dwarf conifers, perennials; 1 gallon to 15 gallon containers and B&B. Greg has partnered with his brother in Tennessee who grows the B&B material for them.
- **Clientele:** Wholesale to the trade only.
- **New & upcoming:** Lynn and Greg attend Oregon’s *Far West Show*, a premier trade show that’s been setting the standards in the nursery industry for decades. Each year they bring back with them exciting ‘new’ plants for the green industry here in WNC.
- **Special services:** WNC’s one-stop-shop! Lynn and Greg cater to the landscapers, grading contractors, developers, etc and provide them with all their plant needs. They have an excellent mix of quality plants including the ‘bread-n-butter’.
- **Comments:** Our largest wholesale nursery in Buncombe County! Lynn and Greg do some of their own propagation of plant materials. They are up to 165,000 stuck cuttings per year! They are great people with a great product to offer!! I admire their hard work and the support they have shown me and the Green Industry of WNC. Be sure to check out their 2007 plant availability list. Contact Lynn’s Nursery and they’ll send you one.

Give’em a call and support your local growers!!!!!
Calendar of Events

Summer 2007
5th Annual Woodland Owner Short Course, Managing Your Land in Western North Carolina. For more information call (828) 877-3350; www.carolinamountain.org

July 18-21
Cullowhee Native Plant Conference. Western Carolina University, Cullowhee. The purpose of the Cullowhee Conference is to increase interest in and knowledge of propagating and preserving native southeastern plant species in the landscape. To register or for more information visit http://nativeplants.wcu.edu/

July 27-28
Landscape Design Workshop. Mountain Horticultural Crops Research & Extension Center, Fanning Bridge Road, Fletcher. This will be a hands-on workshop in landscape design; some design skills are necessary. For more info call (828) 255-5522.

August 9-11
Southern Nurseryman's Association Research Conference & Trade Show. Atlanta, GA. Top researchers and educational leaders from leading universities present their newest discoveries relative to horticulture. Admission into the SNA Research Conference is FREE with a SNA 2007 Trade Show Badge. To register or for more info visit www.sna.org or call the Extension Center.

August 16-17
Summer Green Trade Show. Greensboro Coliseum, Greensboro. This show provides a marketplace for plants, equipment, supplies and services used in the production and sale of plants and installation of landscapes. Industry professionals can view the latest in agricultural equipment, landscaping materials, plants, trees, nursery supplies, fertilizers, and pesticides. To register or for more info visit www.ncnla.com

August 24-26
Southern Energy and Environment Expo. WNC Agricultural Center, Fletcher. This is an annual event designed to showcase renewable energy and sustainable economics in a context of responsible environmental stewardship. For more info call (828) 696-3877; www.seeexpo.com

August 23-25
Far West Show. Oregon Convention Center, Portland Oregon. Since the early 1970s this trade show has been setting the standard in the nursery industry: Deep roots in floriculture and horticulture. Lots of growers, suppliers and services all under one roof. Respected educational seminars. For more info visit: www.farwestshow.com

September 7-16
North Carolina Mountain State Fair. WNC Agricultural Center, 1309 Fanning Bridge Rd, Fletcher.

September 20
Nursery Short Course & Field Day. Mountain Horticultural Crops Research & Extension Center, Fanning Bridge Road, Fletcher. More info coming soon!

October 2-3
Pesticide Recertification Classes

Pesticide Safety Training Sessions (Category V). Please call to pre-register.

9/11/2007 – Boone - 2 hours credit V
Pesticide Safety. Contact Meghan Baker (828) 264-3061

9/25/2007 – Asheville - 2 hours credit V
Pesticide Safety- Private Applicators. Contact Amanda Stone (828) 255-5522

9/25/2007 - Marshall - 2 hours credit V
Recertification for Private Pesticide License Holders. Contact Elizabeth Ayers (828) 649-2411

9/27/2007 – Hendersonville - 2 hours credit V
Private Safety. Contact Marvin Owings (828) 697-4891

Pesticide Specialty Training Sessions. Please call to pre-register.

7/19/2007 – Waynesville - 0.5 hour credit N O D X
Hay Field Day. Contact Bill Skelton (828) 456-3575

7/12/2007 – Franklin – 2 hours credit A B G H I K L M N O T D X
Pre-harvest Apple Tour. Contact Alan Durden (828) 349-2049

Pesticide Specialty Training. Contact Amanda Stone (828) 255-5522

***Please visit North Carolina Department of Agriculture, Pesticide Section for a list of recertification opportunities throughout North Carolina. http://www.agr.state.nc.us/fooddrug/pesticide

WNC Green Industry News ‘Blog’
http://wncgreennews.blogspot.com/

Times are rapidly changing and we in N. C. Cooperative Extension are attempting to keep up with those times. Cliff Ruth and I are collaboratively posting news stories, weather and pest alerts and other information to a "Blog". This blog can be subscribed to for updates by e-mail or posted to your "Live Bookmark" links on the internet. Or you may simply just access the website at your leisure. News items may come at varying frequencies; sometimes daily but at least 2 or 3 times each week and can often be as current as your newspaper. The advantage to getting the information in this format is two-fold; it is free and is available for immediate decision making.

As more and more individuals begin accessing information using this technology, the old technology of hard copy newsletters will go the way of the horse and buggy. As the traditional paper copy newsletter continues to increase in expense to print and mail, (currently exceeding $1.35 per copy), individuals wishing to continue receiving the hard copy may be asked to pay a subscription fee. To access this new “blog” go to http://wncgreennews.blogspot.com/ through your internet access.

In addition a program is being investigated for farmers who are interested in becoming computer literate: Farmers Adopting Computer Training (FACT) Program, NCA&T State University. FACT is designed to train farm families one-on-one or in group settings how to use computers for their farming operations in order to become more competitive in the market place. FACT introduces and demonstrates innovative uses of computers and computerized farm management programs to small farmers and rural families. When available, FACT can make computers available for farmers who complete the 4-course program. The following four courses are offered through the FACT program: Keyboarding Skills, Basic Computers, Computer Empowerment, and Employment Planning. If you are interested, please let us know so we can begin to make preparations to offer these classes. Call Cliff Ruth at (828) 697-4891.
Plant Problems to Watch for in July

http://www.ces.ncsu.edu/depts/ent/clinic/Summary/julywatch.htm

Here are some diseases we observed in the clinic during the month of July. Upon going to the website, hypertext links will lead you to specific information about a certain disease or about diseases in a certain crop.

**Turfgrasses**
Brown patch, Pythium Blight, drought/heat stress

**Woody Ornamentals**

General
Air pollution injury, Decline from cold injury last winter, Fertilizer injury, Low pH, Heat/drought stress, Mushroom root rot, Phytophthora root rot, Powdery mildew, Web blight

Azalea
Stunt nematode, Phomopsis dieback

Boxwood
Lesion nematodes (information for the nursery and landscape), Fertilizer injury

Cherry laurels (Otto Luyken, etc.)
Bacterial leaf spot (shothole)

Crabapple
Quince rust, Apple scab, Fire blight

Dogwood
Dogwood anthracnose (*Discula*), Spot anthracnose (*Elsinoe*), Powdery mildew

Elm
Black spot, Dutch elm disease

**Holly**
Black root rot, Nematodes (Dagger, Ring, Root-Knot)

Hydrangea
Septoria leaf spot

Ivy, English
Bacterial leaf spot, Anthracnose

**Juniper**
Decline caused by combination of: low pH/magnesium deficiency, excess shade, spider mites, poor drainage

Leyland cypress
Cypress canker (*Seiridium*), Botryosphaeria dieback/canker

Oak
Leaf blister, Spot anthracnose, Tubakia leaf spot

Pear, Ornamental
Fire blight, Quince rust

Periwinkle, Common
Phoma blight, Rhizoctonia blight

Rhododendron
Botryosphaeria dieback, Botrytis dieback

Rose
Black spot, various cankers (*Coniothyrium*, *Botrytis*)

Waxmyrtle
Botryosphaeria canker/dieback

**Herbaceous Ornamentals**

General on several summer annuals
Anthracnose diseases, Botrytis blight, Chemical injury, Fertilizer injury, Pythium root rot, Rhizoctonia root/stem rot, Southern blight (*Sclerotium rolfsii*)

Black-eyed Susan
Rhizoctonia crown rot, Southern blight

Coneflower and other asters
Aster yellows

Coreopsis
Alternaria leaf blight, Downy mildew, Powdery mildew, Rhizoctonia root/stem rot

Hosta
Foliar nematodes, Southern blight, Slug injury

Impatiens
INSV

Marigold
Southern bacterial wilt

Pachysandra
Volutella blight

Periwinkle, Madagascar
Phytophthora blight
North Carolina Agriculture Cost Share Funds Annual Sign-Up!

Buncombe Soil and Water District will be receiving its annual cost share allocation in August of this year. These funds are available to help farmers install conservation practices that decrease the amount of sediment, nitrogen, phosphorus, chemicals and other pollutants in the surface and ground waters of the state. The district expects to receive approximately $80,000 for program year 2008, with funding for BMP’s to begin in August 2007. To be eligible for the funds, you must sign up between July 1 and July 31, 2007. Conservation practices that can be cost-shared include: animal waste management systems, cropland conversion to grass, livestock watering tanks (with stream protection measures), conservation tillage, filter strips, stream bank stabilization, critical area treatment or establishment of vegetation on bare areas, sod-based rotations, riparian buffers, agrichemical handling facilities, and several others.

If you want more information or wish to apply for funds, call the district office at (828) 250-4785. Please call before the deadline. It only takes a few minutes to complete the application form. Forms can be mailed to you and accepted for consideration if they are received back in the office by July 31, 2007.

A Few of the Many Best Management Practices Available

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<tr>
<th>BMP</th>
<th>Proper mgt. of nutrients</th>
<th>Reduction of soil loss</th>
<th>Facilitating BMP</th>
<th>Life of BMP (yrs.)</th>
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<tr>
<td>Waste/Feed Storage Structure</td>
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<tr>
<td>Constructed wetlands</td>
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<td>Controlled Livestock Lounging Area</td>
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<td>Dry Manure Stack</td>
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<td>Heavy Use Area Protection</td>
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<td>Waste Application System</td>
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<td>Stream Crossing</td>
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<td>Livestock Exclusion System</td>
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<td>Spring Development</td>
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<td>Stock Trail</td>
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<tr>
<td>Well/Tank</td>
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</tbody>
</table>

Recommendations for the use of 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 NCSU, NCA&T State University or N. C. Cooperative Extension or discrimination against similar products or services not mentioned. Individuals who use chemicals are responsible for ensuring that the intended use complies with current regulations and conforms to the product label. Be sure to obtain current information about usage regulations and examine a current product label before applying any chemical. For assistance contact an agent of N. C. Cooperative Extension.
**Sudden Oak Death Update**

Awhile back we were hearing about the Sudden Oak Death syndrome. Here's an update on the current status. Actually, the name Sudden Oak Death is a misnomer. Its onset is not sudden, it affects many more species than just oaks (including Rhododendron, Camellia, Pieris, Viburnum, Kalmia, Maple and lots more) and it doesn't always cause a plant's death.

The water mold *Phytophthora ramorum* is the causal agent of several plant diseases, Ramorum blight, Ramorum dieback, Phytophthora canker diseases, and the most well known, Sudden Oak Death. It's been known only since the 1990's when it showed up in Europe and more recently on our West Coast where it seems to prefer the cool, moist climate. The pathogen (not necessarily the disease) has now been found in other states on woody nursery stock, including a few instances in North Carolina.

Ramorum blight is potentially a serious threat to our eastern forests and to our landscapes. Oaks are the dominant canopy tree in our hardwood forests and the primary source of mast for our wildlife. Some of our climatic attributes and understory plants in Western North Carolina are similar to diseased areas in the west. Many of our forest and landscape plants would be at risk if the pathogen became widespread. Fortunately, a comprehensive international effort has been underway to detect and eradicate the pathogen.

Currently field diagnosis isn't feasible. Positive identification is made by a laboratory culture or by a diagnostic technique used to identify organisms by replicating DNA fragments. The ability to trace back and trace forward the movement of any plant that proves to be infected is crucial to the control program.

So what can we in North Carolina's Green Industry do now? One is to keep good records of where you obtain your plants and to whom you ship them so that in the event a relevant *Phytophthora* pathogen is discovered in your stock we can find out where it came from or where it went.

The other is to practice good sanitation. SOD, as well as many other potentially harmful organisms, spreads very easily through the movement of contaminated water. For a quick review of the best management practices for handling moisture in a grower's situation take a look at the Virtual Demonstration Nursery put together by Washington State University. It's at [http://www.puyallup.wsu.edu/ppo/nursery.html](http://www.puyallup.wsu.edu/ppo/nursery.html) and may give you ideas to use in your own operation. This SOD control program is reminiscent of the work that went into the elimination of smallpox on a global scale during the last century. Hopefully, this one will have the same positive outcome. Want more details? Go to [www.suddenoakdeath.org](http://www.suddenoakdeath.org)

**Source:** Glenn Palmer, Extension Master Gardener

**Buncombe County Small Farms Initiative**

More and more farmers have been sharing with our agents that they desire to continue to farm, but are desperately looking for ways to increase the income from their farming operation to preserve the farm. With the support of our Buncombe County Commissioners and County Management, Cooperative Extension is initiating a program to aggressively work to help farmers diversify their operations, add value to their products or market products differently in order to increase the income from their operations.

One of the ways that we want to approach this project is to develop a website with a listing of farm operations and the products that you have available for sale. We want this listing to include livestock, poultry, rabbits and animal products along with fruits, vegetables, nursery plants and value-added products. Currently, Mike Ford is coordinating this effort for us. We would appreciate it if you would call Mike at (828) 255-5522, to indicate your interest in being listed. We realize that many of you don’t really utilize computers at the present time, but just being listed should increase the demand for your farm products.

Over the next few months, you will be hearing more about this effort as numerous workshops will be planned to help you feel comfortable trying some of these other approaches to generating income from the farm. Funding is available to create a new Extension Agent position dedicated to this small farm effort.

For more info contact Mike Ford (828)255-5522 or visit:

[http://buncombe.ces.ncsu.edu/content/Buncombe+County+Small+Farms+Initiative](http://buncombe.ces.ncsu.edu/content/Buncombe+County+Small+Farms+Initiative)
Landscape Maintenance in July-August

Lawns:

- If they are a problem, it’s time to apply Merit granules for Japanese beetle grubs. Don’t forget to water the Merit in.
- Do not fertilize cool-season lawns until September.
- If you irrigate the lawn, apply one inch of water each week if rainfall doesn’t provide enough. Watering in morning is best to prevent disease.
- Practice “Grasscycling”. Leave grass clippings on the lawn. They provide 25% of a lawn’s fertilizer needs.
- Mow fescue and bluegrass at least 3 inches high.

Ornamentals:

- Finish any pruning or fertilizing of trees or shrubs by the end of the month.
- Continue scouting for insect pests and diseases!!
- Two Spotted Spider Mites may be bad this year considering they like it hot and dry - keep your eye open for them. Foliage of most plants becomes pale and speckled; juniper foliage turns a pale yellowish color. Shake a branch over white paper and watch for tiny specks that crawl.
- Check newly planted trees and shrubs at least once a week for water needs. In the absence of 1 inch rainfall, soak each plant with a couple gallons of water.
- Scout conifers for Bagworms. Treating bagworm host foliage with insecticide while the worms are small is the most effective time for control. B.t. bacteria sprays are effective against the caterpillars. Hand-picking bagworms, when practical, is a safe and effective means of control.
- Prune rhododendrons within 4 weeks after the blooms fade.

2007 Irrigation Tour

Come join us for the 2007 Irrigation Tour on July 31. The tour will begin at the Mountain Horticultural Crops Research and Extension Center will be visiting locations with a variety of different irrigation techniques and applications. Registration is $40 before July 17 and $50 after July 17. The agenda is as follows:

8:30 am - Sign-in/Coffee
- Tour MHCR&EC - Observe various irrigation systems including frost protection.

Noon - Lunch provided at Mills River Restaurant
- Tour Etowah Orchids.
- Tour Turf Mt Sod Penrose Farm.
- Tour Pisgah Fish Hatchery and Nature Center Waste Water Land Application - View wastewater treatment and land disposal systems.

4:00 pm - Adjourn

More information and on-line registration is at: http://www.bae.ncsu.edu/workshops/2007irrigationtour/index.html
Improving Your Landscape Design Skills
July 27, 1:00-6:00 pm and July 28, 8:30 am-4:30 pm
Mountain Horticultural Crops Research and Extension Center, Fletcher

This intensive, dynamic, day and a half workshop for landscape designers combines professionally-guided instruction with immediate hands-on practice. Landscape design instructors from NC State University will provide materials, lecture, and demonstration to the participants. Participants will refine their techniques through drawing exercises, discussion and field critiques. Last year's participants said "they were completely unaware of a formal landscape design process" and that it "helped them tremendously to understand and practice the concepts that unite a site with the buildings and the plant material." The instruction and practice gave them a foundation of design skills to strengthen their existing plant knowledge. After two days, most thought it too short to cover all the material effectively. As per the post workshop evaluations, the format and content was modified slightly to create a more cohesive theme over the two days. As always, the content is targeted toward the level of professional skill of those attending. This is possible because of the low number attending (40) and the high number of instructors and teacher's assistants providing one-on-one feedback during the two-day workshop. This is a unique chance to improve both your landscape design and professional skills. For more info:


Grower Spotlight – Past Issues

1. **Mountain Meadows Landscape & Dwarf Conifer Nursery** (828) 626-2695, Weaverville, NC
   [www.mountainmeadowsdwarfconifers.com](http://www.mountainmeadowsdwarfconifers.com)
   Over 300 varieties of conifers, dwarf conifers and select deciduous plant material, like fragrant Viburnums and Peony; wholesale to landscapers and retail.

2. **Carolina Tree Form** (828) 670-8733, 70 Pisgah Highway, Candler, NC
   Trees and shrubs, conifers, vines, grasses and groundcovers, native plants and rare, unusual, hard to find specimen and specialty plants; wholesale and retail to serious horticulturalists. Will deliver.

3. **Creekside Nursery & Garden Center** (828) 299-7172, 827 Charlotte Highway, Fairview, NC
   [www.creeksidenurserync.com](http://www.creeksidenurserync.com)
   Perennials, annuals, herb and veggie transplants, trees, shrubs, indoor cacti and jade plants, organic fertilizers and organic pesticides; retail and wholesale to landscapers. Will deliver.

4. **Useful Plants Nursery**, (828) 669-1759, 1041 Camp Elliott Road, Black Mountain, NC
   [www.usefulplants.org](http://www.usefulplants.org)
   140 different varieties of edible and medicinal plants. Wholesale to landscapers and retail to public by appointment.

   [www.sweetbriarlandscaping.com](http://www.sweetbriarlandscaping.com)
   Flowering deciduous shrubs and native grasses. Wholesale to landscapers and garden centers.

AS:gs

Individuals with disabilities who would like to participate in any program mentioned in this newsletter, but who need special assistance to do so, should call the Extension Center at 828-255-5522 at least five days prior to the event.

The Commercial Horticulture News is a newsletter produced by the Buncombe County Center of North Carolina Cooperative Extension. The purpose of this newsletter is to inform and educate Buncombe County producers about current issues related to commercial horticulture production.

Editor: Amanda Stone, Extension Agent – Agriculture, Commercial Horticulture

Check out Buncombe County Center’s website at...[http://buncombe.ces.ncsu.edu](http://buncombe.ces.ncsu.edu)