Carolina Native Nursery
1126 Prices Creek Road
Burnville, NC 28714
(828) 682-1471
info@carolinanativenursery.com (email)
http://www.carolinanativenursery.com/

- **Owner, Sales & Grower:** Bill Jones
- **Square feet/ acres of business:** 3 acres in production
- **Grand opening date:** January 2002
- **Product mix:** Carolina Native Nursery is a specialty grower of containerized, native woody ornamental plants and trees. They are currently growing over 90 different species with many cultivars.
- **Clientele:** Retail and wholesale to landscapers and garden centers.
- **New & upcoming:** Propagation of 5 more species of native Azalea, such as *Rhododendron atlanticum*, *R. canescens*, *R. viscosum* and *R. austrinum*.
- **Staff picks:** Flame Azalea, *Rhododendron calendulaceum*. Flame Azalea is a native deciduous shrub with yellow to red flowers (every imaginable color!) that bloom May to June. It is the most showy and one of the most notable American Azaleas. It is a favorite among many gardeners! The goal of Carolina Native Nursery is to offer the whole palette of deciduous azaleas on the east coast!
- **Comments:** Great website!! Sign up to receive their quarterly newsletter via email or snail mail. Their newsletters will include native shrub descriptions, planting and care information, nursery and industry news, and much more. The plant availability list is also found at their website or you can contact them by phone and have it mailed to you.
- **Give’em a call and support your local growers!**
Calendar of Events

Winter 2008
North Carolina Arboretum. 100 Frederick Law Olmsted Way, Asheville, NC. The Arboretum has wonderful educational programs throughout the year. Check them out!! Visit their website at: www.ncarboretum.org

Winter 2008
Asheville Botanical Gardens. 151 W. T. Weaver Boulevard, Asheville, NC. Check out the educational programs Asheville Botanical Gardens have to offer. Visit their website at: www.ashevillebotanicalgardens.org

Winter 2008
The Bullington Center. 33 Upper Red Oak Trail, Hendersonville, NC. Check out the educational programs offered this fall on topics like plant propagation, soils, pruning, wreath making and more! Visit their website at: www.bullingtoncenter.org or call (828) 698-6104.

February 21 or 22
Landscape Maintenance Workshop. Mountain Horticultural Crops Research and Extension Center, Fletcher, NC. Educational sessions on Hemlock Woolly Adelgid, pruning, and more!! Pesticide credits will be available. Pre-registration is required. $25 for each participant. Maximum of 75 participants. If you wish to attend the afternoon session on Friday, February 22, the fee is $10 and covers materials provided. The program on the February 22 is an afternoon of shade tree pruning only (this workshop is open to a maximum of 40 and does not include lunch or pesticide credits). Registration is due by February 14.

February 26
Clean Mountain Streams. NC Arboretum, 100 Frederick Law Olmsted Way, Asheville, NC. This program will focus on best management practices to improve water quality for homeowners, landscapers and turfgrass professionals. This is the “kick-off” for a program that will continue each year including more audiences such as farmers and youth. For more info or to pre-register contact the Extension Center, (828)255-5522 or visit the website at: http://henderson.ces.ncsu.edu/content/cleanstreams

March 8-9, 2008
15th Annual Organic Growers School. Blue Ridge Community College, Flat Rock, NC. Be sure to check out the Sustainable Landscaping track-sessions will include topics such as water conservation for gardens and landscapes, landscaping for honeybees, native plants and promoting beneficial insects in the landscape. For more info visit: www.organicgrowersschool.org or call the Extension Center, (828) 255-5522.

March 12
WNC Turfgrass Tour & Conference. Quality Inn, 201 Sugarloaf Road, Hendersonville, NC. There will be a golf session and lawn care and athletic field session. Registration fee of $75 is required. Pesticide credits will be available. For more info contact the Extension Center (828)255-5522.

March 27
Saving Money by Calibrating Your Sprayer. Mountain Horticultural Crops Research and Extension Center, Fletcher, NC. 2:00-5:00 pm. Pesticide Credits (3) will be available for category A B D G H I K L M N O T X. Hands-on training to learn how to calibrate a rotary and drop spreader, backpack sprayer and boom. Pre-registration fee of $20 is required. For more information contact Amanda Stone, (828) 255-5522.

May 6-7
Commercial and Private Applicators Pesticide License Exam and School. Mountain Horticultural Crops Research and Extension Center, Fletcher, NC. For more information call (828) 255-5522 or visit: http://www.ncagr.com/SPCAP/pesticides/index.htm
Pesticide Recertification Classes

***Please visit North Carolina Department of Agriculture, Pesticide Section for a list of recertification opportunities throughout N.C.  [http://www.ncagr.com/SPCAP/pesticides/index.htm](http://www.ncagr.com/SPCAP/pesticides/index.htm)

Pesticide Safety Training Sessions (Category V)

2/14/08 - *Pesticide Safety Training for Private Applicators*, Category V (2 credits).
Class will be held at Buncombe County Extension Center, 94 Coxe Avenue, Asheville.
Call (828) 255-5522 to pre-register.

Class will be held at the Madison County Extension Center, Marshall.
Contact Elizabeth Ayers to pre-register, (828) 649-2411.

Class will be held at the Buncombe County Extension Center, 94 Coxe Ave, Asheville.
Please call 828-255-5522 to pre-register.

Pesticide Specialty Training Sessions

Mountain Horticultural Crops Research & Extension Center, Fletcher, 2:00-5:00 pm.
$20 registration fee is required - call (828) 255-5522.

The class will be held at the Madison County Extension Center, Marshall.
Contact Elizabeth Ayers to pre-register, (828) 649-2411.

Class will be held at the Buncombe County Extension Center, 94 Coxe Avenue, Asheville.
Call (828) 255-5522 to pre-register.

Mountain Horticultural Crops Research & Extension Center, Fletcher. Call (828) 255-5522 to pre-register.

Marketing Opportunities for Farmers Conference

Join the Appalachian Sustainable Agriculture Project (ASAP), local farmers, N. C. Cooperative Extension, and marketing specialists for a day-long conference on marketing. It will be held on Saturday, February 23 at Warren Wilson College at Swannanoa, NC. Farmers who get to know the needs of local customers and buyers can thrive, given the right business and marketing skills.

This is for serious farmers or those seriously interested in farming. Topics include: business planning, wholesaling to local markets, small fruits, native plants, Christmas trees, farm to school sales, food safety and marketing, tailgate marketing, new options for livestock and more!!

**Conference Cost:** $30 per person or $40 per two farm partners.
The price includes a continental breakfast and lunch of locally-grown food. Scholarships available (call 828-236-1282). For registration information visit [http://www.asapconnections.org/marketingconference.htm](http://www.asapconnections.org/marketingconference.htm) or call (828) 236- 1282.
Tips from the NC Turfgrass Conference

1. MSMA Herbicide on 18 month phase out!

2. Raise mowing heights of tall fescue to 3½ – 4 inches. This height will shade out weeds and improve drought tolerance by encouraging deeper rooting of the fescue. The larger the root system the more hardy the plant is.

3. Practice proper irrigation management!!!!!! Tests have shown that plants have the ability to adapt to the conditions we provide for them. Cutting back on water can promote tough plants able to withstand periods of drought or a temporarily broken water system. Roots will be forced to follow deeper moisture. A great way to create a buffer against drought is to increase both the time between irrigations and the length of irrigations.

4. The same principle as above can be said of fertilizer. The less fertilizer used at certain times of the year, the less the turf will grow and require water. Soil test!!! Minimum turf maintenance should call for only 2-4 pounds of nitrogen per 1,000 square feet, and often it may need little or no phosphorus.

5. Topdress turf with a fine compost to keep moisture in the soil. Combine this with core aeration, and there is a long-term and gradually building of the soil which enables roots to grow deeper.

6. Turfgrass/Green Industry is one of the most visible uses of irrigation water as the primary recipient of overhead irrigation. Be a leader in the state’s effort to make the best use of its water. Do good work and use water carefully, people are watching! Educate on proper irrigation management (www.turffiles.ncsu.edu). Be outspoken about the effects of drought on your business, and the positive effects of responsible water use. Demand equal footing with other industries in the state that may have less visible, but no more valuable water uses.

7. Participate in community/city/county, regional and state efforts to improve water management.

2008 Western North Carolina Turfgrass Conference
Quality Inn, 201 Sugarloaf Road, Hendersonville, NC
March 12, 2008

Registration & Fees - Deadline: February 25, 2008

Full Name__________________________________________
Badge Name________________________________________
Company____________________________________________
Address_____________________________________________
City, State & Zip______________________________________

Work Phone_________________________________________
Fax_________________________________________________
Home Phone__________________________________________
E-mail Address_______________________________________

TCNC Membership #_________________

Preregistration Fees: Regular: $75       NCCES: $25  Students: $25  On-Site: $90
Total Payment: $_____

Make check payable to TCNC, PO Box 2163, Cary, NC 27512-2163.
Fax credit card payments to 919-380-9424.
( ) Visa  ( ) MC  ( )Amex
Card #__________________________ Exp Date___________ Signature________________________
Regional Landscape Maintenance Workshop
February 21 or 22, 2008
Mountain Horticultural Crops Research & Extension Center
Fletcher, NC

February 21
Morning Session Moderator: Amanda Stone, Extension Agent - Buncombe County

8:30 am Check in. No registration accepted at the door.
9:00 am Hemlock Woolly Adelgid Update - Jill Sidebottom, NCSU Forestry & IPM Specialist, Fletcher
10:00 am Submitting Samples - Pests, Water, and Soil - Cliff Ruth, Area Agent - Henderson County
11:00 am Drought Survival and Xeriscaping - Barbara Fair, NCSU Landscape Specialist, Raleigh

3 Pesticide Credits L N D O X categories.

12:00 noon Lunch - Catered in.
1:00-1:45 pm Basic Pruning - Tim Mathews, Extension Agent - Haywood County
2:00 - 4:00 pm Pruning Practicum
Shade Tree Pruning - Dr. Anthony LeBude, NCSU Nursery Crops Specialist, Fletcher
Landscape Plant Pruning - Cliff Ruth, Area Agent - Henderson County

You must pre-register to attend but may attend either session. Registration is due by February 14. Registration fee is $25 for February 21 and includes lunch. *** The program on the February 22 is an afternoon of shade tree pruning only, 12:30- 4:30 pm. Registration for February 22 is $10 for cost of materials. *** Bring your pruning tools to the afternoon sessions!

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Regional Landscape Maintenance Workshop
Registration Form

- Name of Company___________________________________________________
- Name of Participants_________________________________________________
  o _________________________________________________________________
  o _________________________________________________________________
  o _________________________________________________________________
- Address____________________________________________________________
- City_________________________ State_____________ Zip_______________
- Phone #__________________________
- E-mail Address_____________________________________________________

Session choice:
- Thursday, February 21 _____________________________________________
- Friday, February 22 ________________________________________________

Please complete this form with the registration fee of $25 made payable to the Henderson County Cooperative Extension Center and mail to:
Cliff Ruth
Area Specialized Agent
NCCE - Henderson County Center
740 Glover Street
Hendersonville, NC 28792
**Ambrosia Beetle Could Be a Pest this Spring!**

This tiny beetle is a pest of woody ornamental, fruit and nut trees throughout North Carolina and can cause significant damage in landscape, nursery and orchard settings. These beetles have many reported hosts, specifically thin-barked trees. Female beetles bore into the sapwood of stems and young trees. Though attracted to damaged, stressed, or transplanted trees, this beetle also attacks seemingly healthy, thin-barked hardwoods like your yellow wood, Japanese maple, ornamental cherry, hornbeam and such or branches from 1.0-2.5 inches in diameter. And with our drought there are certainly more target trees around than normal. Visible symptoms include wilted foliage and strands of boring dust protruding from small holes (looks like toothpicks). These insects make galleries directly into the heartwood of the tree, which they inoculate with a fungus used as their food. The ambrosia fungus that they use as food can block xylem vessels. In addition they can introduce or create entry points for pathogenic fungi such as *Fusarium*. Infected nursery trees often die, while landscape plants often seem to recover. Serious attacks that result in tree death usually occur during leafing-out stage.

**Control:** Keep trees healthy and avoid any unnecessary tree stress. There are a number of preventive bark sprays of Pyrethroids (landscape borer spray) available but these are very toxic to beneficial insects and expensive and the application must be repeated several times. Organic products such as Pyrellin, Pyrene or PyGanic may be used, but are expensive and may not be available in small amounts. The timing is also critical. Check trees frequently beginning early March and treat accordingly. Commercial growers with a large number of trees can use traps to monitor for the beetle, indicating when protective measures should be taken. Once the tree has been invaded there's no cure. Keep in mind that once beetles are inside, pathogens may already be introduced.

This information came from the following publications. For additional information, see *Ornamental and Turf Insect Note No. 111* [http://www.ces.ncsu.edu/depts/ent/notes/O&T/trees/note111/note111.html] and *Ornamental and Turf Insect Note No. 122* [http://www.ces.ncsu.edu/depts/ent/notes/O&T/trees/note122/note122.html].

**Federal Disaster Loans for Drought Relief Are Now Available!**

Eligible small businesses (landscapers, car washes, marinas, restaurants, motels, pool companies, nurseries, produce packers, and other non-farm small businesses) and small agricultural cooperatives may qualify for loans up to $1.5 million. These loans are available at a 4% interest rate with loan terms up to 30 years. The applicant business must be located in the natural disaster area. The economic injury must have been the direct result the declared disaster. By law, agriculture enterprises such as farmers and ranchers are not eligible for any type of SBA assistance. Nurseries are only eligible for economic injury caused by declared drought disasters. Loan amounts and terms are set by the U. S. Small Business Administration and are based upon each applicant’s financial condition. Applications can be obtained by calling 1-800-659-2955 or downloaded from: [www.sba.gov](http://www.sba.gov)

**WNC Clean Streams**

Soil erosion, pesticides, fertilizers, household products and other contaminants find their way into our streams and water supplies. There are steps to take to preserve and protect our mountain water resources. The WNC Clean Streams program, sponsored by N. C. Cooperative Extension, will be held at the North Carolina Arboretum on **February 26, 9:00 am-4:30 pm**, with sessions for both landscape professionals and homeowners. The registration fee of $30 includes materials and lunch. Information and a registration form can be found at [http://henderson.ces.ncsu.edu/content/cleanstreams](http://henderson.ces.ncsu.edu/content/cleanstreams) or you may contact the Buncombe County Extension Center at 255-5522. Registration deadline is February 15.

*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.*
Grower Spotlight – Past Issues

1. **N. C. Division of Forest Resources, N. C. Forestry Store**, 1-888-NC-TREES (628-7337), [www.dfr.state.nc.us](http://www.dfr.state.nc.us)  
   1-2 year old tree seedlings, hardwood and conifer, natives, typically sold in bundles of 100 seedlings.  Landowners, reforestation projects, wetland remediation project and more!

2. **G & R Nursery**, (828) 628-1695, 24 Luckenbach Drive, Fairview, NC  

3. **Mountain Harvest**, (828) 298-9000, 600 Charlotte Highway (74-A), Fairview, NC  
   Locally grown natives, perennials, annuals, vegetable transplants, trees and shrubs. Organic lawn landscape and garden products. Retail and 20% off to landscapers, builders, and contractors, and farmers.

4. **Sandy Hollar Farm**, (828) 683-3645, 63 Sandy Hollar Lane, Leicester, NC  
   Field grown landscape trees and shrubs.

5. **Israel and Sons Garden Center**, (828) 254-2671, WNC Farmers Market, Asheville, NC  
   Transplants, trees, shrubs, and perennials. Large supply of bulbs and seeds, including organic seeds. Pond building materials, supplies and coi fish. Retail to the public and wholesale to landscapers.

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**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.

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_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)