Grower Spotlight

NC Division of Forest Resources
N. C. Forestry Store
1-888-NC-TREES (628-7337) (phone)
Seedlings@ncmail.net (email)
www.dfr.state.nc.us (website)

- Division of Forest Resources produces trees for N.C. Landowners. Tree seedlings cannot be sold to non-N.C. landowners until the Division of Forest Resources declares a surplus, which is usually around mid-January 2008.

- To place orders: call 1-888-NC-TREES or visit the website www.dfr.state.nc.us and then click on “starting a forest”.

- Nursery: Crossnore, Linville River Nursery, 6321 Linville Falls Highway, Newland, NC 28657; Goldsboro, Claridge Nursery, 762 Claridge Nursery Road, Goldsboro, NC 27530

- Product mix: 1-2 year old tree seedlings, hardwood and conifer, natives, typically sold in bundles of 100 seedlings. Tree catalogue is available online.

- Clientele: landowners, reforestation projects, wetland remediation projects & more!

- Special services: Delivery: Seedlings will be shipped beginning the first week in December 2007, weather permitting. Delivery will be made to the distribution center serving your county. The county ranger/forester will contact you regarding your order. UPS delivery is available at an additional cost. Nursery Pickup: If you wish to pick up your seedlings at the nursery, please contact the nursery at least three days in advance. Seedlings not picked up by May 15, 2008, will be destroyed.

- Comments: *****THE FORESTRY STORE IS OPEN TO NC LANDOWNERS EFFECTIVE JULY 1, 2007, FOR THE 2007-2008 SEASON. *****

- For more info visit the website or give ‘em a call.
Calendar of Events

Summer/Fall 2007
North Carolina Arboretum. 100 Frederick Law Olmsted Way, Asheville. The arboretum has wonderful educational programs throughout the year. Check them out!! Visit their website at: www.ncarboretum.org

Summer/Fall 2007
Asheville Botanical Gardens. 151 W. T. Weaver Boulevard, Asheville. Check out the educational programs the Asheville Botanical Gardens have to offer. Visit their website at: www.ashevillebotanicalgardens.org

Fall 2007
The Bullington Center. 33 Upper Red Oak Trail, Hendersonville. 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

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

September 10
Buncombe County Beekeepers Monthly Meeting. Buncombe County Extension Office, 94 Coxe Avenue, Asheville. 7:00-9:00 pm. Meeting will discuss mite integrated pest management and winter feeding. Please join us! For more information on the club visit www.wncbees.org or call (828) 255-5522.

September 19
Commercial & Private Pesticide Applicators License Exam. Buncombe County Extension Office, 94 Coxe Avenue, Asheville. Exam will begin at 1:00 pm. For more information call (828) 255-5522 or visit the NCDA Pesticide Division website: http://www.ncagr.com/SPCAP/pesticides/index.htm

September 20
Nursery Short Course & Field Day. Mountain Horticultural Crops Research & Extension Center, Fanning Bridge Road, Fletcher. A field day and short course to see and learn about the most current research at NCSU on nursery crops. If you’re in the nursery industry, this event is not to be missed! See event flyer in this newsletter for registration info or visit www.ncnla.com. Pesticide credits will be available.

October 2-3

October 19- November 30
Certified Turfgrass Professional Short Course. NC Arboretum, 100 Frederick Law Olmsted Way, Asheville. Sponsored by NC Cooperative Extension & NC Turfgrass Council. Class will meet Fridays from 1:00-6:00 pm. Registration is $100. To register or for more info: http://buncombe.ces.ncsu.edu/index.php?page=events&event_id=9660 or call (828) 255-5522.

January 5- 10
NC Turfgrass Conference. Raleigh. More info coming soon!

January 15- 19
Green & Growin’ Trade Show & Educational Seminars. Greensboro. More info coming soon!

March 8- 9, 2008
**Pesticide Recertification Classes**

*NOTE – Pesticide Division website has changed! See below for new web address.*

**Pesticide Safety Training Sessions (Category V)**

- **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
  Pesticide Safety - Private Applicators. 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.**

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

- **10/29/2007** – Asheville – 5.5 hours credit A B G H I K L M N O T D X
  Smart Pest Management. Contact Dr. Bruce Williams (910) 313-6785

Please call to pre-register.


**Announcing the Erosion and Sediment Control in the Mountains Workshop**

This workshop addresses local challenges and presents solutions about erosion and sediment control in the mountains. Learn updates to the Erosion and Sediment Control Manual, take an in-depth look at common obstacles with E&S control and solutions, and learn how to control erosion, sediment, and curb turbidity on sloped, mountainous areas. Join in the discussion session allowing industry professionals in Western North Carolina to talk about erosion control trends, success stories, challenges, and more. Discover the latest E&S products and systems during the vendor showcase and observe E&S control demonstrations.

**Date and Location:**

*Wednesday, August 29, 2007 - 8:45 am-5:00 pm - The NC Arboretum Education Center Auditorium, Asheville*

For Registration, Vendor Showcase, Agenda, and Other Information Please Visit:

[http://www.ncsu.edu/waterquality/frenchbroad/sedimentworkshop.html](http://www.ncsu.edu/waterquality/frenchbroad/sedimentworkshop.html)

*Save the Date: September 20, 2007; Erosion and Sediment Control Workshop in Brevard. More details to follow*

**“Speaking of Gardening” Symposium at NC Arboretum**

This year’s Asheville gardening symposium “Speaking of Gardening” will take place on **Friday and Saturday, September 7 and 8**. Dan Hinkley is the featured speaker. Aside from being a fantastic plantsman, he gives a great talk. His slides and new plants are absolutely unique. Also speaking are Hank Bruno of Calloway Gardens, Brian Upchurch of Highland Creek Nursery, and Richard Olsen of the National Arboretum.

The program fee is $98 for Arboretum Society Members and $117 for the public. The fee includes seven lectures, plant giveaway, reference notebook, two lunches and snacks. Space is limited; preregistration and prepayment is required. To preregister or for a detailed event schedule, call the NC Arboretum at (828) 665-2492.
Nursery Short Course and Field Day

September 20, 2007 - Mountain Horticultural Crops Research & Extension Center, Fletcher.

Morning Program

Field Tours - Mountain Horticultural Crops Research Station, 74 Research Drive, Fletcher

8:00 – 9:00 am - Registration

9:00 – 9:30 am - Welcome and Opening Remarks
Dr. Julia Kornegay, Head, Department of Horticultural Science, N. C. State University.
David Monks, Assistant Director of Research, College of Agriculture and Life Sciences, N. C. State University.
Richard Reich, Assistant Commissioner, North Carolina Department of Agriculture and Consumer Sciences.
John Allen, President, North Carolina Nursery and Landscape Association, President, Shiloh Nursery, Harmony, NC.

9:30 am – 12:00 pm - Tour of Research:
5. Azalea and Rhododendron Trial Plants (available to the first 150 participants). Tom Ranney, Jeff Jones, Joel Mowrey, and Anthony LeBude.
12. Improving Short-term Drought Tolerance in Container Plants with the Growth Regulator ABA. Anthony LeBude and Joe Conner.
13. Evaluating Various Tsuga (hemlock) and Ilex (holly) Species for Adaptability to Western North Carolina. Anthony LeBude, Tom Ranney, Ray Head, and Bill Cannon.

Afternoon Program

Limited to 100 participants. Preregister on-line at www.ncnla.com or send in enclosed registration form. Lunch will be provided for afternoon participants only. 1.5 pesticide recertification credits class L N O D X.
1:00 -1:30 pm - Economic Impact of the Green Industry, Charles Safley, Agricultural and Resource Economics
1:30 -2:00 pm - Garbage In: Substrate Out, Ted Bilderback, Horticultural Science
2:00 -2:45 pm - Managing Arthropod Pests in the Nursery and Landscape, Steve Bambara, Entomology
2:45-3:00 pm - Break - Sponsored by North Carolina Nursery and Landscape Association
3:00 -3:30 pm - Best Management Practices for Field Production, Anthony LeBude, Horticultural Science
3:30 -4:00 pm - Research in Phytophthora Management, Kelly Ivors, Plant Pathology
4:00 -4:30 pm - Conifers for Western North Carolina, Tom Ranney, Horticultural Science
4:30-4:45 pm - Closing Remarks
2007 NC State Nursery Short Course and Field Day
Registration Form

Please complete the form by printing or typing; include information for only one person per form. Copy form if necessary.

Name:

Company:

Address:

City: State: Zip:

Phone: Fax:

Email:

Preregistration deadline is September 14, 2007. On-site registration will be an additional $5.

Morning Research Tours

☒ Free

Afternoon Education Program (Short Course) Limited to 100 people

☒ NCNLNA Member ($30)

☒ Non-Member ($40)

☒ Extension w/ID (Free)

☒ Student w/ID ($15)

NCNLNA Member #

Lunch is provided for preregistered attendees of afternoon education session.

Payment methods: Register online at: www.ncnla.com OR

Make checks payable to NCNLNA and send with this registration form to:

NCNLNA
968 Trinity Road
Raleigh, NC 27607
Phone: (919) 816.9119 • Fax: (919) 816.9118

Credit Card: ☒ Visa ☒ MasterCard ☒ American Express

Card Number:

Expiration date:

Name on card (Authorized Signature):
Classes will be held at the North Carolina Arboretum, 100 Frederick Law Olmsted Way, Asheville. Classes are on Fridays from 1:00-6:00 pm each day. Note: Exam Date, December 7 from 9:00 am-4:00 pm. Pesticide credits have been applied for.

For information call (828) 697-4891 or (828) 255-5522

For NC Arboretum information visit: www.ncarboretum.org

Day 1 - October 19, 2007: Section I Turfgrass Characteristics, Section II Establishing Turfgrass
Day 2 - October 26, 2007: Section III Soils & Nutrient Management
Day 3 - November 2, 2007: Section IV Cultural Practices, Section V Pests & IPM
Day 4 - November 9, 2007: Section VI Pesticides Characteristics
Day 5 - November 16, 2007: Section VIII Calculations & Calibration
Day 6 - November 30, 2007: Section VII Landscape Safety/Pesticide Use, Section IX Turfgrass Business & Economics
Day 7 - December 7, 2007: EXAM

The exam held at the NC Arboretum may take all 6 hours. Exam fees to be paid to TCNC.

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WNC Turfgrass Professional Short Course
Registration Form
Due by October 9, 2007
Class Size Limited to 25

Company Name: ________________________________________________________________

Employee(s): ________________________________________________________________

Address: _______________________________________________________________________

City: __________________________ State: __________________ Zip________________________

Phone: __________________________

E-mail Address____________________________

Registration for this class is $100 per person. This fee covers the text book, refreshments, and all handout materials! It doesn’t include the examination fee. That fee is payable to TCNC!

Make check payable to Henderson County Cooperative Extension Center and mail to:
Cliff Ruth, Extension Area Agent
Henderson County Cooperative Extension Center
740 Glover Street
Hendersonville, NC 28792
Return of the Elm Tree?

If you remember "Captain Kangaroo," you may also remember the American elm in all its glory. Dutch elm disease killed a huge portion of the population, especially in the eastern United States. A native and smaller European elm bark beetle spread this fungal disease among the trees. Scientists worked hard to develop an American elm that was resistant to the disease. Over recent years, several cultivars have been identified and released. We may never return to a street lined with large elms in every town, but the elm is worth a new look. In a bit of possible irony, it may turn out that elm is a good replacement for the threatened ash.

"Liberty" and "Princeton" are two such cultivars touted to be resistant. The Elm Research Institute claims that in 16 years, only 100 of 250,000 Liberty elm trees planted have died. The Princeton elms which line Washington Road in Princeton, New Jersey (see photograph at: http://www.nytimes.com/imagepages/2004/05/07/nyregion/07elm_street.html) have been chosen to line Pennsylvanian Avenue in front of the White House in Washington, DC. (I don't know if that was a political decision.) The Princeton elm supposedly has ties to an elm that stands over the grave of Vice President Aaron Burr in a Princeton cemetery. (I've seen Aaron Burr's grave and he used to lie under two overgrown boxwoods.) Work performed at the National Arboretum showed that varieties Valley Forge, Jefferson NA3487, Princeton, Delaware and R18-2 showed the highest tolerance to Dutch elm disease, followed closely by New Harmony. There are also several hybrids available. Some have Asian origin. For more information, see the following web site: http://www.ars.usda.gov/IS/AR/archive/jul96/elms0796.htm.

Author: Stephen B. Bambara, Extension Entomologist, NCSU

Urban Trees – Ah, the Stories They Can Tell

The North Carolina Urban Forest Council presents a Carolina Canopy Workshop
Date: Wednesday, September 12 from 8:00-11:45 am
Place: City of Charlotte Landscape Management Office, 701 Tuckaseegee Road, Charlotte
Cost: Free for NC Urban Forest Council members/$10 for non-members

8:00-8:30 am - Registration w/coffee and eats
8:30 am - Welcome
8:30-9:15 am - Evolution of a Tree Ordinance
9:15-10:00 am - Urban Tree Pits - Function and Design and Soils
10:00-10:15 am - Break
10:15-11:00 am - Urban Trees - Top 10 and then some
11:00-11:30 am - The Urban Horizon - Rain Gardens, Wetlands, Wetponds
11:30-11:45 am - Wrap-Up and Questions

Register online at www.NCUFC.org or send a check to NCUFC, PO Box 25852, Winston-Salem, NC 27114-5852. Call (336) 774-0215 with questions. We have applied for ISA CEUs.

Name:
Organization:
Address:
Phone: Fax:
E-mail:
Landscape Maintenance in September

Lawns:

- It is time to fertilize cool-season lawns. Use a slow-release fertilizer to reduce the risk of nutrient run-off.
- It is time to core-aerate turf using hollow tines.
- This is also the time to do any reseeding where you may have lost grass this summer due to drought or disease. Be sure and water.

Ornamentals:

- Do not fertilize trees or shrubs. Late season fertilization can reduce the cold hardiness of woody plants.
- Be on the lookout for cool-season spider mites such as southern red and spruce spider mites. They prefer to feed in the fall and spring. Southern red mites prefer azaleas, hollies and camellias but they have been recorded from a number of shrubs and herbs. Spruce spider mites feed on junipers, spruce, arborvitae, and other coniferous evergreens. If necessary, treat with horticultural oils or insecticidal soap to prevent brown needles/leaves.
- September through November is a good time to treat hemlock trees for Hemlock Woolly Adelgids. Trees small enough can be treated with horticultural oil or insecticidal soap. Make sure you thoroughly cover all insects. Fall is the best time for systemic insecticides that contain the active ingredient Imidacloprid (Merit, etc.). This can be applied as a soil drench around the base of the tree. Make sure there is plenty of moisture in the soil before using a soil drench! Follow the label directions for use, as this is the law. Trees near a stream or in rocky or sloping soil will need to be treated by trunk injections.
- Fall is the best time for installing new plants in the landscape.

Extension Forestry Has a New Publication on Protecting Trees During Construction!!

This publication describes some tree protection strategies that builders, landscapers and developers can use before, during, and after construction to conserve healthy trees. Community actions to encourage tree protection and reduce the risk of injuring or losing valuable trees are highlighted. The publication is “Construction and Tree Protection” (AG 685) and is available at: http://www.ces.ncsu.edu/forestry/urbanpubs.htm. If you would like hard copies please contact us at (828)255-5522.

Basic Home Maintenance Course

The Buncombe County Center of North Carolina Cooperative Extension is offering a five-series Basic Home Maintenance Course beginning September 27. The two-hour class will be held Tuesday and Thursday evenings from 5:30-7:30 pm on September 27, October 2, 4, 9 & 11. Some of the topics to be covered are: saving on your heating and cooling bills, basic plumbing repairs, interior and exterior maintenance, landscaping and lawn care, indoor air quality, common household pest, etc. The course also offers "hands-on" which include repairing: faucets, drywall, and screens. The course will be held at the Extension Center, 94 Coxe Avenue. The fee of $20 includes all materials. Space is limited so preregistration is necessary. For more information call 255-5522.

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. Carolina Tree Form (828) 670-8733, 70 Pisgah Highway, Candler, NC

2. Creekside Nursery & Garden Center (828) 299-7172, 827 Charlotte Highway, Fairview, NC
   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.

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


5. Lynn's Nursery, (828) 683-4795, 70 Crowder Road, Leicester, NC
   Trees, shrubs, natives, dwarf conifers, perennials; one gallon to 15 gallon containers and B&B. Wholesale to trade only.

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