Jack Young Greenhouses
91 Holbrook Road
Candler, NC  28715
(828) 667-5555 (phone)

- **Owner, Sales and Grower:** Jack Young
- **Number of employees:** 10-14 depending on the time of year. Jack’s wife, Kay, has helped with keeping The books and records. She’s helped with sales this year because they've been so busy!
- **Square feet/ acres of business:** 22 greenhouses - 20 ft X 100 ft
- **Grand opening date:** Jack built the first greenhouse in 1972. He grew tomatoes to eat and sell. Between the rows of tomatoes he grew pots of flowers. The flowers ended up selling better than the tomatoes! So this sparked the interest in floriculture.
- **Product mix:** Perennials and annuals grown from seed, perennials grown from cuttings and division, hanging baskets, potted flowering plants like lilies, flowering shrubs, veggie transplants, water plants and poinsettias.
- **Clientele:** Retail and wholesale to landscapers, contractors, other greenhouses, and retail garden centers.
- **Comments:** Always keep good records!! Jack and his crew have made it a habit to keep good records for the past 36 years and he offers this advice to growers and to other plantsmen and women. This spring he has received comments from people visiting the nursery such as, “We like coming here because you offer such a variety of plants that we can’t find anywhere else”. Give ‘em a call and support your local growers!
Calendar of Events

Summer 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

Summer 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

Summer 2008
The Bullington Center. 33 Upper Red Oak Trail, Hendersonville, NC. Check out the educational programs offered this summer. Visit website at: www.bullingtoncenter.org or call (828) 698-6104.

June 16
NC Urban Forest Council Seminar “Conservation Arboriculture: Care of Veteran Trees”. Biltmore Estate in Asheville. Philip van Wassenaer and Neville Fay will speak about principles of Conservation Arboriculture. Pesticide credits available. To register or for more info contact the NC Urban Forest Council office at (336) 774-0215 or check out the website: ncufc@aol.com

June 17- July 17
Certified Plant Professional Short Course. N. C. Arboretum, 100 Fredrick Law Olmsted Way, Asheville, NC. FULL!! For more information contact Cliff Ruth, (828) 697-4891 or Amanda Stone, (828) 255-5522.

June 18-21
Southeast Greenhouse Growers Conference & Trade Show. Greenville, SC. This is the largest educational conference and trade show in the south focused on the greenhouse grower and ‘color’ industry. Tours, workshops, educational sessions, new varieties and trade show networking are all available during the three day event. For more information call the Extension Center at (828) 255-5522 or visit www.sgcts.org

June 23-24
Low Impact Development Summit, Renaissance Hotel, Asheville, NC. The Low Impact Development Summit will address the planning, policy, and financing aspects of incorporating these principles in your municipalities. An agenda and a list of speakers are available on the website. To view this and other information and to register online, go to: http://www.bae.ncsu.edu/workshops/lid_summit/

August 19-20

September 9- 11
The 1st Annual Urban Forestry Conference. Greensboro, NC. This conference will bring together urban forestry advocates and policy makers to gain insight of how trees and our urban forests will play an integral role in building healthy communities in North Carolina. More to come! http://www.ces.ncsu.edu/nreos/forest/feop/urbanforest/conference.html

Stormwater Best Management Practices Workshop
The Stormwater Best Management Practices Workshop will be held on Friday, June 20 at McDowell Technical Community College, Marion. This workshop addresses local challenges and present solutions to improve water quality from stormwater using Best Management Practices (BMP’s) in the mountains. Learn about the latest in BMP research, design considerations, components and materials, sizing recommendations, plant selection, system functionality, and maintenance.

Registration, agenda, list of speakers, and more information are available on the website. To view and register, go to: http://www.bae.ncsu.edu/programs/extension/wqg/frenchbroad/stormwaterbmp_workshop.html

The workshop fee of $35 per person (NO PDHs) includes boxed lunch, refreshments, and workshop materials. $100 for professionals seeking professional development hours (PDHs). The workshop is hosted by NCSU Water Quality Group, N. C. Cooperative Extension, and N. C. State University Biological and Agricultural Engineering.
**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)**


**Pesticide Specialty Training Sessions**

6/12/2008 - **Invasive Plant ID and Controls**, Category G H L N O D X (2 credits). Buncombe County Extension Center, 94 Coxe Avenue, Asheville. Call 828-255-5522 to pre-register.

6/16/2008 - **Conservation Arboriculture**, Category L N D X (2 credits). Class will be held at the Biltmore Estate. This is an all day program. Contact Sarah Mitchell, NC Urban Forest Council to register, 828-774-0215.


**EPA and Scotts Agree to a Recall of Pesticides**

In case you didn't know, Scotts has recalled several of their products: [http://www.epa.gov/reg5rcra/ptb/news/](http://www.epa.gov/reg5rcra/ptb/news/)

Scotts Miracle-Gro Company and a number of Scotts affiliates are currently conducting a recall of four pesticides that U. S. Environmental Protection Agency alleges were unregistered, falsely and misleadingly labeled, or both. EPA has reviewed and commented on Scotts recall plan but is not approving or endorsing the recall, which remains Scotts sole responsibility.

Before a pesticide product can be sold or distributed, it must be registered with EPA to protect public health and the environment. The following products have not been evaluated or registered and bear illegal EPA registration numbers:

These pesticides used EPA registration numbers:

- **538-299** ("Turf Builder Pre/Post 2" or "Scotts Turf Builder Max Plus 2 Weed & Feed And Crabgrass Preventer");
- **538-301** ("SouthernMax" or "Scotts Bonus S Max Southern Weed & Feed and Fire Ant Killer");
- **62355-4** ("Garden Weed Preventer + Plant Food" or "Miracle Gro Shake ‘n Feed All Purpose Plant Food Plus Weed Preventer"); and
- **538-304** ("SLS Fertilizer With .28 Halts," "0-0-7 Plus .28% Halts Pro," "22-0-8 Plus .28% Halts Pro" or "14-2-5 Plus .28% Halts Pro").

These products may have been sold under other names as well. Be sure to check product labels for the above invalid EPA registration numbers.

Consumers may contact Scotts for more information at 888-295-0671, or visit Scotts website at [www.scottsmiraclegro.com](http://www.scottsmiraclegro.com) or [www.scotts.com](http://www.scotts.com).
Griffin Greenhouse & Nursery Workshop

Holiday Inn Asheville – Biltmore East
1450 Tunnel Road, Asheville, NC

Agenda:

8:30 – 8:45  Registration
8:45 – 9:45  Greenhouse Sanitation. Rick Yates and Brent Hart
9:45 – 10:45 Worker Protection Standards. Peter Konjoian
10:45 – 11:00 Break
11:00 – 11:30 Resistance, Rotation, Cost in Use. Rick Yates
11:30 – 12:00 Insect and Disease Control: Part I. Rick Yates
12:00 – 1:00 Lunch (included)
1:00 – 2:00 Insect and Disease Control: Part II. Rick Yates
2:00 – 2:45 Florel. Peter Konjoian
2:45 – 3:30 Plant Growth Regulators. Rick Yates

5.5 hours of credit for L N O D X

Growers can register two ways:
#1. GGSPro Website www.ggspro.com (Clicking on "Products" then "Seminars")
#2. Dailing the 888-GGSPro-1 (888-447-7761 (Leave a message and a member of the GGSPro team will return call.)

For more information call:
Virginia Brubaker
Technical Support Specialist
Griffin Greenhouse & Nursery Supplies
vbrubaker@griffinmail.com
800-732-3509, Ext. 80092

6th Annual Woodland Steward Series

- Discover Your Land, Basic Land Management Skills ~ July 11 & 12
- Woodscaping Your Woodlands and Firewise Management ~ July 25 & 26
- Native Landscaping and Water Management ~ August 8 & 9
- Stewardship, Recreation, and Liability of Your Land ~ August 22 & 23

Sponsored by several partners including the USDA Forest Service Cradle of Forestry in America the course will be held in and around Pisgah Forest, NC. Our mission is to promote a healthy environment by educating landowners about land management.

For more information visit:  www.cradleofforestry.org OR contact Amy Garasica, amysworkshopinfo@aol.com, Cradle of Forestry in America, 1001 Pisgah Hwy, Pisgah Forest, NC  28768, (828) 877-3350.

**Credit toward N. C. Environmental Education Certification is available, as well as other CEU credits.

Hot News!!

**Woody Plant Seed Manual**

USDA FS Agriculture Handbook 727 - The Woody Plant Seed Manual, a handbook on seeds of trees and shrubs, is not available in hard copy format yet. But you don't have to wait for this information in hard copy format. The April 2008 version is at:  http://www.nsl.fs.fed.us/nsl_wpsm.html

This handbook has detailed information on methods of producing and handling seeds, harvesting seeds, storage and specific information for 236 Genera of plants. A must have for any plant propagator.
Ramble Landscapers Pre-Qualification

To ensure that all residential landscape work in The Ramble meets minimum standards for quality, Biltmore Farms will require landscapers to be pre-qualified beginning September 1, 2008. The List of Qualified Landscapers will be distributed to the builders who work in the Ramble, and will be available at the Preview Center. If you are interested in working in The Ramble, we would like to hear from you! Please submit copies of the documents listed below to Amy Fahmy, Biltmore Farms, 100 Town Square Blvd, Suite 330, Asheville, NC, 28803, Fax 828-209-2150. Please include your phone number, fax number, and email.

Basic Qualifications
The owner, or his representative assigned to The Ramble, must provide proof of all of the following qualifications:
- Licensed Landscape Contractor (Certificate Number)
- Certified Plant Professional OR Certified Landscape Technician (Copy of Certificate)
  (Information on certification is available at www.ncan.com)
- Ground Pesticide Applicator's License (License Number)
- Liability Insurance and Workers Compensation (Certificate of Insurance from Insurer)

The Ramble Planting Requirements
In the event that the Landscaper receives contract specifications that require less than is specified here, the Landscaper must meet The Ramble requirements listed below. If contract specifications exceed the Ramble requirements, the Landscaper must meet the terms specified in that contract. Any Landscaper who fails to comply with these requirements will be removed from the List of Qualified Landscapers.

1. Storm water Management: It is the responsibility of the builder to ensure that the rate of runoff leaving the property does not exceed pre-development rates. Concentrated discharges onto adjacent properties are not allowable unless a natural drainage way exists. If the design plan provided to the landscaper does not address drainage issues on the site, the landscaper must notify the builder that a solution is required.
2. The Landscaper must pre-till any compacted clay (except around tree roots) to a depth of 5", then till a minimum of 3" of compost/Nature's Helper thoroughly into the soil along with required amendments – including superphosphate, fertilizer and lime per soil test.
3. Plants must meet the American Nursery and Landscape Association's Standards for Nursery Stock.
4. Planting containerized plants: Roots must be loosened before planting. Plant holes must be twice the size of the root ball. Plant holes must be amended with at least 30% compost.
5. All Rhododendron, Kalmia, and Pieris are to be planted high, in well-drained, amended soil.
6. Excess burlap must be cut from the top of balled and burlapped root balls.
7. For all plants that require good drainage, plant holes must be tested for drainage and problems resolved before planting.
8. All plant materials must be guaranteed for at least 1 year.

Basic Home Maintenance Course

Have you wanted to make those basic home repairs but didn't know where to start? The N. C. Cooperative Extension – Buncombe County Center is offering a five-series Basic Home Maintenance Course beginning Tuesday, June 17 from 5:30-7:30 pm. Remaining dates for the course are: June 19, 24, 26 and July 1. The class will be held at the Buncombe County Extension Center, 94 Coxe Avenue, Asheville. 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 fee of $20 includes all materials. Space is limited; pre-registration is required. For more information call 255-5522.

Hands-On Canning Workshops: Tomatoes and Relishes/Pickles

Two hands-on canning workshops are scheduled for this summer. The first will focus on preserving tomatoes and will be held on Tuesday, July 8 at the NCCE - Buncombe County Center from 1:00-4:00 pm. Participants will get to do actual hands-on canning and review other methods. Cost: $5. For more information or to register for this workshop call 255-5522.

The second workshop will focus on canning pickles and relishes and will be held on Thursday, July 10 at the NCCE - Madison County Center from 1:00-4:00 pm. Participants will get to do actual hands-on canning. Cost: $5. For more information or to register for this workshop call 649-2411.
Rural Lands Update Seminar Series

The North Carolina Farm Transition Network and North Carolina Cooperative Extension have announced a series of professional credit workshops for attorneys, accountants, consulting foresters, and others who advise clients with ownership interests in rural lands. The Rural Lands Update is a coordinated response to what organizers see as a growing need in rural communities: updates on financial, tax and legal issues related to rural land ownership. The RLU is a partnership effort of NCFTN, N. C. Cooperative Extension, N. C. Farm Bureau Federation, N. C. Department of Agriculture and Consumer Services, and the Land Loss Prevention Project. The first installments of the series will be June 16 in Newland and June 17 in Sylva, with plans underway for locations across the state. For more information and to print a mail-in registration form, go to http://transylvania.ces.ncsu.edu/index.php?page=home.

"In rural communities across North Carolina, our continuing outreach and education efforts on farm transition and estate planning keep producing the same question: "Who can I turn to for professional advice?" said Andrew Branan, NCFTN Director and a coordinator of the program. "This series responds by bringing updated information on legal and tax matters associated with owning and managing rural lands directly to the practitioners, advisors and landowners in those areas." He added that such an effort will hopefully increase landowner access to good legal, tax and land management advice, especially where a family wants to keep land managed in its current farm and forest use into the next generation. The Newland and Sylva agenda will focus on issues relating to preserving qualification for the "Present Use Value" property tax assessment, as well as the tax, legal and land management issues related to transferring land to a business entity. Presenters will also discuss conservation easements at the practical level, focusing on facilitating landowners' understanding of how these tools relate to their broader family goals for their land. For advisers seeking professional credit, an hour of ethics training on working with multiple landowners and an adviser team will be offered. As of this release, professional credit has been applied for with the North Carolina State Bar and the Society of American Foresters. The initial workshops are supported by the USDA's Risk Management Agency.

For more information, contact Andrew Branan at 919-732-7539 or email abranan@gmail.com. For more information on the North Carolina Farm Transition Network, visit their website at: http://www.ncftn.org

Water-Wise Gardening

The N.C. Department of Agriculture and Consumer Services and the state's nursery and landscape industry have launched a campaign to educate the public about how they can successfully grow plants in the home landscape even during periods of drought and water restrictions. The "Water-Wise Works!" media campaign is a partnership between NCDA, the N. C. Green Industry Council and N.C. State University's Department of Horticultural Science. The campaign is supported by a $215,475 grant from the Golden LEAF Foundation and funding from the U. S. Department of Agriculture. The campaign emphasizes ways that will help homeowners maintain an attractive landscape with less water. For more information on "Water-Wise Works!" check out http://www.tarheelgardening.com

"Drought and water restrictions across North Carolina have severely reduced demand for nursery and greenhouse plants and related services," Troxler said. "Many of these businesses report that sales have declined as much as 40%, and employee layoffs have approached 30%. This campaign will help people understand that even during a drought, you can still enjoy beautiful North Carolina-grown plants if you practice water-wise gardening. "These tips make sense even as we return to more normal rainfall patterns," he said. "They focus on making the best use of the resources we have and not being wasteful. They're good principles to live by."

The statewide campaign is using public service advertisements on radio and television to tout the importance of water-wise landscaping and gardening. They feature NCSU horticulture expert Bryce Lane, host of UNC-TV's "In the Garden." The ads refer consumers to the website Tarheel Gardening for tips and other information. The site was developed by the N. C. Nursery and Landscape Association and NCDA&CS.
**Ash Borer a.k.a. Lilac Borer**

The ash borer is one of the clearwing moths that resemble a wasp as an adult. They overwinter as late instar larvae in the wood of Lilac shrubs and Ash trees, usually nearer to the base of the plant. Canes suddenly wilt and show fine sawdust-like borings exuding from holes in the bark. Plants may be completely destroyed if the pest is not controlled. Heavily damaged trees and shrubs should be removed. Preventive bark sprays may help in May and June. The May 21, 2004 issue of North Carolina Pest News (http://ipm.ncsu.edu/current_ipm/04PestNews/04News6/ornament.html) has a list of some homeowner borer sprays. Virginia Tech University has an insect note about this borer at http://www.ext.vt.edu/pubs/entomology/444-278/444-278.html. Commercial preventative bark sprays include products with permethrin as the active ingredient, Astro, Perm-Up, and Permethrin Pro.

**TIMS Program Aims to Save Water and Maintain Healthier Turf**

Any individual responsible for maintaining even a bit of turf in green and growing condition should be interested in recently announced improvements to NCSU's Turf Irrigation Management System (TIMS). This program is available online to any interested turf manager-commercial building, athletic field or homeowner to help calculate, track and manage irrigation use. Using the NC Climate Office current weather data, TIMS can tell you how long to water your turf to help reduce or eliminate overwatering and wasteful watering practices.

What's new is that TIMS now uses "Multi-sensor precipitation estimates" to make the calculations. All weather is local, especially here in the mountains when small 'pocket' storm systems pop up frequently, creating situations where one side of the mountain or even a town receives rainfall, but the other stays dry. MPE software estimates local rainfall amounts, interpolating from multiple radar readings so that our local rain estimates are now much more accurate.

To register for TIMS you'll need to input your type of grass and soil - fescue, zoysia etc. and clay, loam or sandy. You'll also need to measure and then input your irrigation rate. Determine this by using collector cans spread over the wetted area for a given time, say 30 minutes.

You may also change the weather station that's used for your data if you feel another location would be more appropriate. Computer magic does the rest, providing you a recommendation to water or not and for how long based on your own conditions.

So, if you just must have a patch of green turf, sign up for TIMS. Collectively, we could save thousands of gallons of water and maintain healthier lawns. www.turffiles.ncsu.edu/TIMS/

**WNC Green Industry News BLOG!!!**

If you haven’t checked out the internet BLOG for the WNC Green Industry, you should! It is updated daily with news and pertinent information including job announcements, classifieds, important websites, pest alerts, workshop information and more!

The web address is www.wncgreennews.blogspot.com

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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. **Israel and Sons Garden Center**, (828) 254-2671, WNC Farmers Market, Asheville, NC 28806
   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.

2. **Carolina Native Nursery**, (828) 682-2471, 1126 Prices Creek Road, Burnsville, NC 28714
   Specialty grower of containerized, native woody ornamental plants and trees. They are currently growing over 90 different species with many cultivars. Retail and wholesale to landscapers and garden centers.

3. **Meadowbrook Nursery, We-Du Natives**, (828) 738-8300, 2055 Polly Spout Road, Marion, NC 28752
   Native trees and shrubs, conifers, perennials, ferns, grasses, vines and wildflowers. Lots of news plants each year! Wholesale and retail – can order online too.

4. **Sandy Mush Herb Nursery**, (828) 683-2014, 316 Surrett Cove Road, Leicester, NC 28748
   Traditional culinary and medicinal herbs, scented geraniums, wildflowers and other native plants, perennials, trees and shrubs, Bonsai plants and much more. Retail at the nursery or by mail order.

5. **Reems Creek Valley Nursery & Garden Center**, (828) 645-3937, 70 Monticello Road, Weaverville, NC 28787
   Natives, perennials, annuals, bedding plants, vegetable transplants, trees and shrubs. Heirloom and organic seeds fruit trees, blueberries and small fruits. Water gardening supplies, pottery and garden gifts. Retail and 20% off green goods to landscape contractors with proper identification.

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