



GardenWise

August 2017

So How Did *YOUR* Garden Grow?

I think it's probably a good thing that Linda Anderson and Deborah Pelli, who have so diligently shepherded this newsletter from creation to distribution for years now, did not see *MY* garden this year. In an earlier issue I bemoaned the seven inches of rain that had waterlogged my little 4 x 8 foot raised bed. As the season progressed, my squash produced huge quantities of blooms — all of which were male, meaning no female flowers to be fertilized for actual fruit production. My Kentucky Wonder pole beans, while fairly productive, developed rust and are now covered with what looks like some sort of powdery mildew. Whatever cukes I planted (I don't remember the variety, but I wish I did so I could avoid it in the future!) yielded long, hideously prickly fruits that couldn't be handled without gloves . . . and in one case, created an almost perfect spiral-shaped cucumber. Interesting for photography, not so interesting as food.

My tomatoes grew. And grew. And grew. They topped out at 8 feet (the height of my stakes) before growing still more and tipping over since they had no more support. I had hundreds and hundreds of cherry tomatoes. I also had the pleasure of standing in the kitchen doing dishes while watching four and five birds at a time fighting over those tomatoes. The other tomato plant clearly had more nitrogen than it needed and not enough of *something* else; total yield from that plant was about 8 tomatoes, each slightly larger than a regular Roma.

So . . . if being the producer of this newsletter were contingent upon my own personal gardening success, I'd be stripped of the post immediately (and possibly sent to bed without supper, too). Fortunately, in this position, I'm able to invoke the "do as I say, not as I do" rule. I promise you that the information we share with you in this publication *is* research-based, and I promise you that we'll never steer you wrong, at least not knowingly! And, as an added bonus, I promise that I won't come garden in *your* community garden!

Linda Brandon
EMGV



At Cooperative Extension, we're all about information and education . . . trying to get the *most* research-based horticulture information into the hands of the *most* people in the *most* effective ways. One large part of that outreach involves our Extension Master Gardener Volunteer program. You'll find a LOT of information about the EMGVs in this issue, including a message from Hanna Smith, our Horticulture Agent and EMGV "boss," as well as the EMGV brochure and application form. (See, we really are trying to make these things readily accessible!) A quick apology: Because the brochure was created in "landscape" mode — and this newsletter is in "portrait" mode — you'll notice that the brochure pages appear sideways. I suppose you'll either have to crane your neck at odd angles to read the brochure, or perhaps print out those two pages for easy reading. If we made them fit any other way, the text would be too small to read. If you just can't manage to read the brochure, call Crystal Mercer at 336-641-2414 and request your own copy! Thanks for your understanding!

Becoming a Master Gardener

Hanna Smith

Horticulture Agent

Do you enjoy plants? Do you love learning about how they grow, or maybe you would like to but don't really know where to start? The Extension Master Gardener Volunteer (EMGV) program in Guilford County is now accepting applications for the upcoming 2018 intern class!

To help you decide if you should apply to be an EMGV, ask yourself these questions: Do I want to learn more about the culture and maintenance of many types of plants? Am I eager to participate in a practical and intense training program? Do I look forward to sharing my knowledge with people in my community? Do I have enough time to commit to attending training and to completing the volunteer service? If you answered yes to these questions, then the EMGV program might be right for you.

The EMGV program was begun to provide intense training and education to volunteers so that they can guide homeowners in making sound horticulture decisions by using research-based information. This internationally recognized volunteer program has been building strength since its inception, and in 1979 made its way to North Carolina. The EMGV program in Guilford County began in 1985, and has since then reached thousands of community members through various outreach programs. In 2016 alone the EMGVs of Guilford County volunteered almost 12,000 hours!

To begin the program, the first year is considered an "intern" year with a bit more stringent requirements. Classes are held every Wednesday morning from January through the end of April, which will give participants the opportunity to reach their 45 hours of educational requirements. Topics for the weekly classes include botany, soil science, diseases, insects, landscape design, and more! On top of the education requirements, 50 hours of volunteer service are required the first year in specific approved areas. Upon completion of the first year's requirements, interns then become certified EMGVs and will be required to get 10 hours of continuing education and 30 hours of volunteer service each year thereafter to maintain certification.

So where do EMGVs spend their volunteer hours? Well, in many different areas, actually. We have several different committees and events that volunteers can get involved in, and it all depends on what you feel like you can contribute best to. Join one committee and focus on that, or be like several of our other volunteers and join a few committees. Do you love teaching and public speaking? Our Speakers Bureau does PowerPoint presentations for various groups and even has a few series of classes where they will do presentations at libraries and other public venues during the spring and fall. If working outside is more what you're looking for, the Legacy Demonstration Garden at the Extension Office houses several different plant collections, so if you have an affinity for something such as roses, vegetables, or pollinator plants, we can get you plugged in there. Some other committees include Community Garden Outreach (this Newsletter is part of that outreach), Public Events (which includes events such as Seed Exchange, Family Gardening Day, and Bee Day), Youth, and our annual Passalong Plant Sale. This isn't an inclusive list of all the things to get involved with, but just an example of a few to give an idea that we have something for almost anyone. As the Horticulture Agent, I get to work with EMGVs from all different walks of life, and one of the most favorite parts of my job is getting to know volunteers and their strengths so that I can place them in an area where they really excel. There is always room for ideas and growth, and we are always looking for what YOU can bring to the table.

Still not sure if the EMGV program is right for you? Please feel free to contact me or the EMGV Volunteer Coordinator Crystal Mercer at 336-641-2400; we would be delighted to talk to you and answer any questions you may have.

APPLICATIONS FOR 2018 ARE DUE BY SEPTEMBER 30, 2017.

Our Mission Statement

Guilford County EMGV's are paraprofessional volunteer educators who learn research-based Best Management Practices related to urban horticulture, and work together to share that information with the public.



Application Deadline

The deadline for applications is September 30. Classes begin the following January. We accept applications throughout the year, contacting all applicants in the fall for an interview.

Events and Other Information

guilford.co.ncsu.edu

Lawn and Garden
guilfordgardennetwork.org

Master Gardener Email
guilfordmg@gmail.com

Infoline

336.641.2404

Your Path Begins Here.



To Learn More

N.C. Cooperative Extension Guilford County Center

3309 Burlington Road
Greensboro, NC 27405

P | 336.641.2400
F | 336.641.2402

Horticulture Extension Agent

Hanna Smith

P | 336.641.2400

hanna_smith@ncsu.edu

EMGV Program Coordinator

Crystal Mercer

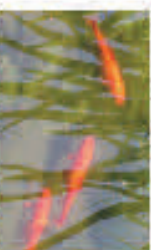
P | 336.641.2414

crystal_mercer@ncsu.edu



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N.C. Cooperative Extension Master Gardener Volunteer Program

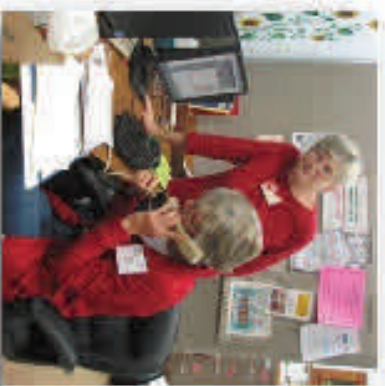


Guilford County EMGV Program Requirements At-A-Glance

Become An Extension Master Gardener Volunteer!

The Extension Master Gardener Volunteer (EMGV) Program was established in the 1980's and is taught annually by the North Carolina Cooperative Extension Service in Guilford County. This educational and service program is designed to enhance public education in consumer horticulture through outreach programs such as:

- Horticulture Infoline
- Gardening Gala and Seminar
- Speaker's Bureau
- Demonstration Garden
- Community Garden
- Youth Outreach
- Public Events



EMGV volunteers take calls on Infoline from Guilford County residents, sharing accurate horticulture information and helping home gardeners learn to take better care of their lawns and gardens.



"Empowering People, Providing Solutions."

Our volunteers talk with thousands of Guilford County residents each year, sharing researched-based horticulture information and helping home gardeners learn to take better care of their lawns and gardens. While working on program activities, EMGVs develop friendships that can last a lifetime while having a positive impact on Guilford County's residents and its environment. The EMGV Program also offers opportunities for involvement on internal committees.

Requirements First Year



During the first calendar year, volunteers, called interns, are required to complete the EMGV course. This training consists of 45 hours of classroom-based education covering a range of horticulture topics, from simple botany through integrated pest management (IPM) and basic landscape design principles, lawn care, vegetable gardening, and more. Classes are every Wednesday morning beginning in January and continuing through the end of April. In addition, interns are required to provide 50 hours of volunteer service in Guilford County.

Mentor Intern Pairing

Each new intern is paired with a veteran EMGV Mentor to serve as a guide during the first year. Your Mentor will attend some classes with you, and will be by your side during your first two shifts volunteering on the Infoline. You'll always be able to turn to your Mentor or the Volunteer Coordinator for support and answers to your questions about the program.

Following Years

EMGVs are required to complete 10 hours of approved continuing education/advanced training, and 30 hours of volunteer services in approved EMGV programs annually.



Note: The application that follows is SEVEN pages long. If you're not interested in applying to become an EMGV at this time, just skip over those pages; the newsletter WILL resume!

**North Carolina
Extension Master Gardener Volunteer
Application
Guilford County**

Please return all seven (7) pages of the completed Application to: 3309 Burlington Rd, Greensboro, NC 27405

GENERAL INFORMATION *(please print)***Application Due Date: September 30, 2017**

Name _____ Prefer to be called _____
(First) (Middle Initial) (Last)

Mailing Address _____
(Street, P.O. Box, Route, Apt #) (City) (State) (Zip)

Residence _____
(Physical location if different than mailing address)

How long at this address _____

CONTACT INFORMATION

Phone: Daytime (____) _____ Cell (____) _____ FAX (____) _____
Evening (____) _____ Email _____

Best time to call: ☐ Morning ☐ Afternoon ☐ Evening

Emergency Contact: Name _____ Relationship _____
Phone (____) _____ (Day) (____) _____ (Evening) _____
Cell (____) _____

Indicate the best day and time for you to do volunteer work. Example: Friday mornings

List dates/times during the next year that you will NOT be available for volunteer service (vacation, job, and other commitments).

EMPLOYMENT AND VOLUNTEER EXPERIENCE

CURRENT EMPLOYMENT STATUS (please check one)

☐ retired ☐ work full time ☐ work part time ☐ not employed for pay

Please complete all occupation and volunteer positions for the last 10 years (add pages if necessary.)

Current Occupation/Volunteer Position	Employer/Organization	
Employer/Organization Address	Employer/Organization Telephone	
City, State, Zip	Email Address	Employed From/To
Previous Occupation/Volunteer Position	Employer/Organization	
Employer/Organization Address	Employer/Organization Telephone	
City, State, Zip	Email Address	Employed From/To
Previous Occupation/Volunteer Position	Employer/Organization	
Employer/Organization Address	Employer/Organization Telephone	
City, State, Zip	Email Address	Employed From/To

Please list three references, not related to you, who you have known you for at least two years.

Name	Address, City, State, Zip	
Telephone Number Day Evening	Email Address	Relationship
Name	Address, City, State, Zip	
Telephone Number Day Evening	Email Address	Relationship
Name	Address, City, State, Zip	
Telephone Number Day Evening	Email Address	Relationship

EDUCATION AND GARDEN EXPERIENCE

Please circle your highest education level.

6 7 8 9 10 11 12 College: 1 2 3 4 5 6 7 8

Years of local gardening experience _____

List your top three areas of gardening interest. Example: vegetables, roses, houseplants, etc.

List any gardening groups in which you are currently active.

List Cooperative Extension programs you have participated in or services you have received.

List volunteer roles you are most interested in performing.

List any special skills that you could contribute in a volunteer capacity. Examples: computers, graphic design, teaching, grant writing, etc.

List any formal training in horticulture/gardening.

Why do you wish to become an Extension Master Gardener Volunteer?

VOLUNTEER AGREEMENT TO ASSIGN COPYRIGHT TO NC STATE UNIVERSITY

In consideration for North Carolina State University ("NC State") allowing me to participate as a volunteer, I hereby assign the entire right title and interest in and to the copyright in any and all works of authorship created in the course and scope of my volunteer service to NC State. I assign to NC State all right, title, and interest in

- a. the copyright to my work of authorship ("Work") and contribution to any such Work ("Contribution");
- b. any registrations and copyright applications, along with any renewals and extensions thereof, relating to the Contribution or the Work;
- c. all works based upon, derived from, or incorporating the Contribution or the Work;
- d. all income, royalties, damages, claims, and payments now or hereafter due or payable with respect to the Contribution or the Work;
- e. all causes of action, either in law or in equity, for past, present, or future infringement of copyright related to the Contribution or the Work, and all rights corresponding to any of the foregoing, throughout the world.

I have read the foregoing required Copyright Assignment, I fully understand the contents and I agree to be bound by it.

Participant Name: _____
(Please Print)

Signed: _____ Date: _____

AUTHORIZATION FOR RELEASE OF MEDIA FOR EDUCATIONAL AND PUBLICITY PURPOSES

In consideration for being allowed to participate in this activity, I give permission to NC State and NC Cooperative Extension (collectively "NC State") to take and publish photographs, video, audio or other impressions of my image or voice. I understand that I will not be compensated for any audio, video, photograph or other likeness that may be used in this capacity.

I give permission for my photographs or other likeness to be used without compensation by NC State for noncommercial news, advertising and/or promotional purposes in print and electronic media (including the Internet). I hereby waive any right to inspect or approve the finished photographs or printed or electronic matter that may be used in conjunction with them now or in the future, whether that use is known to me or unknown, and I waive any right to royalties or other compensation arising from or related to the use of the photograph.

I expressly release NC State, its trustees, officers, employees, and agents and assigns from and any and all claims which I may have for invasion of privacy, right of publicity, defamation, copyright infringement, or any other causes of action arising out of the use, adaptation, reproduction, distribution, broadcast or exhibition of such photographs, video, or audio.

I have read the foregoing Photo and Media Release, I fully understand the contents and I agree to be bound by it.

Participant Name: _____
(Please Print)

Signed: _____ Date: _____

I wish to become a participant in the North Carolina Extension Master Gardener Training Program, and would like to be accepted into the next class. I understand the applications will be screened to select the best candidates to assist with consumer horticulture education. If accepted, I agree to volunteer a minimum of 40 hours of service to the NC State Extension Master Gardener Volunteer program within one year following class completion. I understand that to continue as an Extension Master Gardener Volunteer there are annual recertification requirements including both volunteer service and continuing education. There is a fee to cover the initial training, administrative and program expenses.

I agree to abide by all policies and procedures of North Carolina Cooperative Extension Service.

I understand that North Carolina State University and North Carolina A&T State University commit themselves to positive action to secure equal opportunity regardless of race, color, creed, national origin, religion, sex, age, veteran status or disability. In addition, the two Universities welcome all persons without regard to sexual orientation.

I hereby certify that all of the entries on this application are true and complete. Understand that any falsification of information herein constitutes cause for dismissal.

Applicant Signature _____ Date _____

Rest of page intentionally left blank.

DEMOGRAPHIC DATA

The following information is requested solely for the purpose of determining compliance with Federal civil rights laws; your response will not affect consideration of your application. NC Cooperative Extension policy prohibits unlawful discrimination based on race, sex, color, creed, religion, national origin, age, disability, or political affiliation.

- | | |
|--|---|
| 1. Gender (optional)
<input type="checkbox"/> Female
<input type="checkbox"/> Male
<input type="checkbox"/> I identify using a different term | 2. Ethnicity (optional):
<input type="checkbox"/> Hispanic
<input type="checkbox"/> Not Hispanic |
| 3. Race (optional)
<input type="checkbox"/> White
<input type="checkbox"/> Black/African American
<input type="checkbox"/> American Indian/Alaskan
<input type="checkbox"/> Asian
<input type="checkbox"/> Native Hawaiian/Pacific Islander | 4. I live:
<input type="checkbox"/> On a farm
<input type="checkbox"/> Rural area or town under 10,000 population
<input type="checkbox"/> Town or city of 10,000 to 50,000 population
<input type="checkbox"/> Suburb or city over 50,000 population
<input type="checkbox"/> City over 50,000 population |

Rest of page intentionally left blank.

North Carolina Extension Master Gardener Volunteer Application

BACKGROUND SCREENING CONSENT

Last Name		First Name		* Social Security Number	
Current Address				Since when?	Date of Birth / /
City	State	Zip	County		
Home Phone	Drivers licenses number and state DL# State		Date of Expiration / /		

List below previous residence(s) (city, state, zip) and any alias, maiden, or other names for the past seven years. (Please begin with the most recent address.)

Previous address			How long at this address?
City	State	Zip	Alias, Maiden, or Other Names
Prior Address			How long at this address?
City	State	Zip	Alias, Maiden, or Other Names
Prior Address			How long at this address?
City	State	Zip	Alias, Maiden, or Other Names

Have you ever been convicted of a misdemeanor or felony other than a minor traffic violation? <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, please give date, nature, and disposition of offense. (A criminal record will not necessarily prevent an applicant from becoming an Extension Master Gardener Volunteer, but rather will be considered as it relates to specifics of the volunteer position for which you are applying.)
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I hereby authorize the Extension agent or authorized representative of the organization bearing this application to obtain and release any information pertaining to my background for the sole use of obtaining a criminal and traffic violation background check. I give my consent to a criminal and traffic violation background check.

I certify that, to the best of my knowledge and belief, all of my statements are true, correct, complete, and made in good faith.

Applicant Signature _____ Date _____

* Social security numbers are collected for the sole purpose of conducting background clearances. Providing the information is optional, however, for those positions that require criminal background checks, this information is necessary for program participation.

For Office Use Only

The criminal background check was: ☐ Satisfactory ☐ Unsatisfactory

Date of background check: _____ Name of person conducting the check: _____

If unsatisfactory, please explain _____

Recipe Corner

Grandma Reichenbach's Chili Sauce

from Linda Brandon, EMGV

Sweet, spicy, and tangy! We Southerners might call this chow-chow, but to my Yankee grandmother, the first of her Austrian family to be born in America, it's Chili Sauce. This recipe, well over 100 years old now (she was born in 1884), is a great way to preserve summer's bounty, but you can also make it with *canned* tomatoes and *frozen, chopped onions and peppers* with equally wonderful results. The recipe can be doubled or tripled easily; just keep the proportions balanced and things will work out fine. This stuff is *superb* on hamburger steak, black-eye peas, pinto beans, and (my favorite) macaroni & cheese. . . . and the fragrance while it simmers is simply tantalizing. (Note that family recipes often assume the reader learned how to make the dish at his or her mother's side, so details are scant. I've added a few notes at the end.)

Ingredients:

24 tomatoes
6 green peppers
6 onions
1 cup sugar
4 tsp. salt
3 c. vinegar
2 tsp. cinnamon
2 tsp. cloves

Directions:

Put spices in bag. Add vinegar just before bottling. Cook 3 hours.

Modern, Expanded Directions:

The "bag" for the spices can be the cut-off toe of a new pair of pantyhose; I find cheesecloth is almost too porous. A food processor is a great help to get the veggies reduced to fairly uniform simmering size. You'll likely simmer the concoction for well over 3 hours, because you want it really thick (stir frequently, watching for scorching, as it simmers); that way, when you add the vinegar right before doing standard hot-water bath canning, it won't become too thin and watery. Enjoy the fruits of your labors all year long!



SHARE THE HARVEST

Share the Harvest wants to thank all of you who have donated your excess produce this season. Volunteers collect, weigh, sort and distribute fresh produce from the Interactive Resource Center every Monday and Thursday morning. Agencies which have a food pantry or who prepare a meal for the hungry choose what they need. The variety this season has been amazing: cucumbers, squash, tomatoes, green beans, Crowder peas, cantaloupes, okra, eggplant, etc. You have been growing some beautiful vegetables.

Note: if you have been taking your donation to the Ag Center, please note the following:

The NC Cooperative Extension has a new refrigerator in the catering kitchen. When you bring produce for "Share the Harvest," please make sure you weigh them and sign the donation sheet located at the front desk. The fridge has a "Share the Harvest" sign attached to the bottom right door for your donation.

The Share the Harvest volunteers will be at the IRC through the end of October so if your fall garden is bountiful, please consider donating some of your bounty to the county!

Linda Anderson and Deborah Pelli, STH Volunteers

Growing the Green Way Class Series



Class Locations :

- ♦ Glenn McNairy Library, 4860 Lake Jeanette Road, Greensboro 27455
- ♦ Greensboro Arboretum (Ed Center), 401 Ashland Drive, Greensboro 27403
- ♦ Kathleen Clay Edwards Library, 1420 Price Park Road, Greensboro, NC 27410

CLASSES ARE FREE

Pre-Registration Is Requested

For more information or to register, visit: http://go.ncsu.edu/growing_green_way or call 641-2400 and sign up for your choice of sessions and locations. Registrations can also be emailed to Lauren Taubert at lauren_taubert@ncsu.edu

EXTENDING THE HARVEST: THE VEGETABLE GARDEN IN FALL

End of summer is the time to plan and plant for your garden's third productive season! Vegetable gardening for the year does not have to end with the tomatoes and cucumbers. Let's talk timing, to maximize your garden's yield with fall and even winter crops. We'll also discuss season extenders and other tips and techniques to keep your garden growing well past the first frost.

Monday, Aug. 14 th	6:30 pm	Kathleen Clay Edwards Library
Thursday, Aug. 17 th	6:30 pm	Glenn McNairy Library
Sunday, Aug. 20 th	4:00 pm	Greensboro Arboretum

BEAUTIFUL AND SUSTAINABLE LAWNS – A GREENER YARD

In the Piedmont, rejuvenating lawns is best done in fall. Knowing and using good growing practices all year also saves you time and money, and reduces environmental impact. Establishing a healthy stand of grass with good planning and sensible management will minimize issues with weeds and diseases - you can have a beautiful healthy lawn and still reduce the impact and expense of lawn chemicals.

Monday, Aug. 28 th	6:30 pm	Kathleen Clay Edwards Library
Thursday, Sept. 7 th	6:30 pm	Glenn McNairy Library
Sunday, Sept. 10 th	4:00 pm	Greensboro Arboretum

FALL IS FOR GARDENING! WHAT SHOULD I DO NOW?

Spring and summer gardens are beautiful, but fall is a wonderful season for gardening in the Piedmont! This is the perfect time for planting, transplanting, and starting fall-flowering containers - after the long hot summer, cooler temperatures make it easier on the plants and on the gardener too. Simple seasonal chores like winterizing tools are also on the list, to help you be prepared for future gardening seasons.

Monday, Sept. 11 th	6:30 pm	Kathleen Clay Edwards Library
Sunday, Sept. 24 th	4:00 pm	Greensboro Arboretum
Thursday, Sept. 28 th	6:30 pm	Glenn McNairy Library



See back page for more class listings

(locations and other info on next page)

SPRING FLOWERING BULBS

For beautiful flowers in spring, plan ahead and plant some bulbs after the first autumn frost. Flowering bulbs like daffodils, hyacinths, and crocus are among the earliest flowers every year - some even start to bloom as early as

January! Bulbs can be planted in flower beds, in lawns, under and around trees, or grown in containers - many will come back and even multiply for years of beauty with minimal care.

Sunday, Oct. 8 th	4:00 pm	Greensboro Arboretum
Wednesday, Oct. 11 th	6:30 pm	Kathleen Clay Edwards Library
Thursday, Oct. 19 th	6:30 pm	Glenn McNairy Library

COMPOSTING AND VERMICOMPOSTING

What to do with all those leaves?!

Composting is a great way to recycle, and it also produces a fantastic organic amendment that improves the texture and fertility of your soil and helps everything grow better. We will

discuss easy ways to start composting in your own backyard, and what should and shouldn't be composted. We'll also go over the easy steps for having a successful "worm bin" at home.

Sunday, Oct. 22 nd	4:00 pm	Greensboro Arboretum
Monday, Oct. 30 th	6:30 pm	Kathleen Clay Edwards Library
Thursday, Nov. 2 nd	6:30 pm	Glenn McNairy Library

**Programs are designed to be approximately one hour long, but may run slightly over depending on questions and discussion - which are encouraged!*

Due to building construction, we will not be holding classes at Cooperative Extension this fall. Look for them to return in spring 2018.

PRESENTED BY:

NC COOPERATIVE EXTENSION SERVICE IN GUILFORD COUNTY and THE EXTENSION MASTER GARDENER VOLUNTEERS

ALSO SPONSORED BY:

GREENSBORO PARKS & RECREATION DEPARTMENT and GREENSBORO BEAUTIFUL, INC.



North Carolina A&T State University and North Carolina State University commit themselves to positive action to secure equal opportunity regardless of race, color, creed, national origin, religion, sex, age, or disability. In addition, the two Universities welcome all persons without regard to sexual orientation. North Carolina State University, North Carolina A&T State University, U.S. Department of Agriculture, and local governments cooperating.

For accommodations for persons with disabilities, contact Deb Fuller at (336) 641-2400 no later than five business days before the event. Para informarse sobre adaptaciones para personas con discapacidades, comuníquese con Deb Fuller al (336) 641-2400 no más tarde de cinco días antes del evento.



2017 Fall Gardening Classes High Point Public Library

Presented by NC Extension Master Gardener Volunteers



All sessions are on Wednesday
nights in the Morgan Room
From 6:00—7:30 pm.

Location

High Point Public Library

901 North Main Street
High Point, NC
(336) 883-3660



Classes are free!

No pre-registration required.

QUESTIONS?

Call Lauren Taubert at 336-841-2400
or by email at
Lauren_taubert@ncsu.edu

Interested in more gardening programs?

Visit Extension's website for the
schedules of our gardening programs
and public events around Guilford
County!

www.guilfordextension.com



NC STATE EXTENSION

Master Gardener | Guilford County



AUGUST 16TH

FALL VEGETABLE GARDENING: EXTENDING YOUR HARVEST

End of summer is the time to plan and plant for your garden's third productive season! Vegetable gardening for the year does not have to end with the tomatoes and cucumbers. Let's talk timing, to maximize your garden's yield with fall and even winter crops. We'll also discuss season extenders and other tips and techniques to keep your garden growing well past the first frost.

SEPTEMBER 20TH

SPRING FLOWERING BULBS

For beautiful flowers in spring, plan ahead and plant some bulbs after the first autumn frost. Flowering bulbs like daffodils, hyacinths, and crocus are among the earliest flowers every year - some even start to bloom as early as January! Bulbs can be planted in flower beds, in lawns, under and around trees, or grown in containers - many will come back and even multiply for years of beauty with minimal care.

OCTOBER 25TH

COMPOSTING AND VERMICOMPOSTING: RECYCLING WITH NATURE

What to do with all those leaves?! Composting is a great way to recycle, and it also produces a fantastic organic amendment that improves the texture and fertility of your soil and helps everything grow better. We will discuss easy ways to start composting in your own backyard, and what should and shouldn't be composted. We'll also go over the easy steps for having a successful "worm bin" at home.



NC State University and N.C. A&T State University commit themselves to positive action to ensure equal opportunity and prohibit discrimination and harassment regardless of age, color, disability, family and marital status, genetic information, national origin, political beliefs, race, religion, sex (including pregnancy), gender identity, sexual orientation and veteran status. NC State, N.C. A&T, U.S. Department of Agriculture, and local governments cooperating. Accommodation requests related to a disability should be made by 5 business days before the event to Deb Fuller at 336-641-2400.

LUNCH AND LEARN AT THE LIBRARY

FALL GARDENING SERIES 2017

Join the NC Extension Master Gardener Volunteers of Guilford County for a lively and informative gardening presentation each month through the fall season. These "Lunch and Learn" sessions are all scheduled from 12:00 noon until 1:00 pm: no refreshments are provided, but participants are welcome to bring and eat lunch during the program. Take a mid-day break from your schedule and talk gardening with friends!

AUGUST — Container Edibles: Grow a Cool Season Salad



Tuesday, August 15 th	McNairy Branch
Thursday, August 17 th	Hemphill Branch
Monday, August 21 st	Glenwood Branch
Friday, August 25 th	Benjamin Branch

Even if you have limited room, sun, or time, containers can give you a productive and personal garden space. Fall is a great time to start because the salad crops thrive in the cooler temperatures. Grow some of your own vegetables and herbs to eat better and also save on your food budget! We'll cover all the basics of the best ways to do it: with the right location, good timing, a good plan, and a little tending.

September — Spring Flowering Bulbs



For beautiful flowers in spring, plan ahead and plant some bulbs after the first autumn frost. Flowering bulbs like daffodils, hyacinths, and crocus are among the earliest flowers every year, and some even start to bloom as early as January. Bulbs can be planted in flower beds, in lawns, under and around trees, or grown in containers - many will come back and even multiply for years of beauty with minimal care.

Tuesday, September 12 th	McNairy Branch
Monday, September 14 th	Hemphill Branch
Thursday, September 18 th	Glenwood Branch
Friday, September 29 th	Benjamin Branch

OCTOBER — Fall Gardening: What do I do Now?



Tuesday, October 10 th	McNairy Branch
Thursday, October 12 th	Hemphill Branch
Monday, October 23 rd	Glenwood Branch
Friday, October 27 th	Benjamin Branch

Spring and summer gardens are beautiful, but fall is a wonderful season for gardening in the Piedmont! This is the perfect time for planting, transplanting, and starting fall-flowering containers - after the long hot summer, cooler temperatures make it easier on the plants and on the gardener too. Simple seasonal chores like winterizing tools are also on the list, to help you be prepared for future gardening seasons.

Library Locations :

- ♦ McNairy Branch, 4860 Lake Jeanette Road, Greensboro, NC 27455
- ♦ Glenwood Branch, 1901 West Florida Street, Greensboro, NC 27403
- ♦ Hemphill Branch, 2301 West Vandalia Road, Greensboro, NC 27407
- ♦ Benjamin Branch, 1530 Benjamin Parkway, Greensboro, NC 27408

** Programs are designed to be approximately one hour long, but may run slightly over depending on questions and discussion - which are encouraged!*

CLASSES ARE FREE

Pre-Registration Is Requested

To register, visit:

http://go.ncsu.edu/gcces_lunch_and_learn

Or call 336-641-2400

Registrations can also be emailed to Lauren Taubert at: lauren_taubert@ncsu.edu



INTERESTED IN MORE GARDENING PROGRAMS?

Visit Extension's website (www.guilfordextension.com) for the schedules of our gardening programs and public events around Guilford County.



North Carolina A&T State University and North Carolina State University commit themselves to positive action to secure equal opportunity regardless of race, color, creed, national origin, religion, sex, age, or disability. In addition, the two Universities welcome all persons without regard to sexual orientation. North Carolina State University, North Carolina A&T State University, U.S. Department of Agriculture, and local governments cooperating.

For accommodations for persons with disabilities, contact Deb Fuller at (336) 641-2400 no later than five business days before the event. Para informarse sobre adaptaciones para personas con discapacidades, comuníquese con Deb Fuller al (336) 641-2400 no más tarde de cinco días antes del evento.

Growing through the winter - Onions and Garlic

Nikki Christakos, EMGV

The longest days of summer are behind us and the cool season crops are being planted in the garden this August, which means it's time to consider planting vegetables that can overwinter. These are vegetables that can be planted in the fall, left in the garden through the winter, and harvested in the spring which means no more looking longingly out at the garden this winter wishing that something was growing! Onions and garlic are the winter vegetables of choice in North Carolina's Piedmont for the garden and the good cook's kitchen. Not only are these vegetables good for the immune system, but they also add flavor in the kitchen. The garden loves them because they repel insects and fungi and discourage other predators from wreaking havoc.

Garlic can be planted from mid-September through mid-November for a harvest between 180 – 210 days later. Planting before winter thoroughly sets in ensures that the garlic has formed healthy roots that can survive through winter and thrive when spring emerges. It is important to get garlic bulbs from a local farmer rather than from the grocery store to ensure that they will grow well in the Piedmont. Planting should be done 4 inches deep and 6 inches apart in soil that is moist not too wet and then mulch heavily to protect the bulbs. Garlic needs a minimum of 40 days below 40 degrees for the cloves to split and it needs ample amounts of sun in the spring to ensure it grows to its fullest potential. Once the leaves start to dry up and change color the garlic is ready to harvest. Harvest carefully by loosening the soil before pulling the garlic up then let it dry out completely before trimming the leaves off but do not leave it in the sun because it will rush the process and shrivel them up. The bulb needs to take the last bit of moisture from the roots and leaves as the final step to a fully harvested garlic bulb. This process can take 3 – 4 weeks so be patient, after all what is a month considering they diligently survived in the garden through the long winter months?

Onions are the other ideal crop for the winter gardener. Onions are especially gifted in surviving the winter so the seeds can be planted starting in mid-August all the way through mid-April. However, the best time to plant onions may be from mid-September through the end of October. Onions can be harvested 60 – 70 days after planting so multiple crops can be planted throughout the winter. Later in the season bulbs should be used as transplants instead of directly from seeds, and season extenders should be used in the later winter months. Onion seeds should be planted ½ inch deep and 1 inch apart and then thinned to 3 – 4 inches apart. The pulled onions can be used as green onions since the bulb has not formed yet. Onions are categorized by the amount of sun they need in three groups: long day, intermediate day, and short day varieties. Short day varieties should be used during the winter, clearly because the days are shorter. Onions do not like competition with weeds, but luckily they are one of a few vegetables and weeds that survive the cold winter months so weeding will be minimal in the fall and spring for the crop. Onions, like garlic, are known for their health benefits and value in the kitchen which makes them a convincing addition to any gardener's garden throughout the growing seasons.

Overwintering vegetables like garlic and onions may be one of the most efficient uses of garden space through the dark, short days of winter. Minimal maintenance for healthy vegetables that are resilient enough to survive the winter and flourish the coming spring make onions and garlic a phenomenon that most people take for granted but that every winter gardener will truly appreciate. Happy planting!

Sources

Garlic – <https://guilford.ces.ncsu.edu/2012/09/growing-garlic/> https://polk.ces.ncsu.edu/?page_id=155206

Onions – <https://content.ces.ncsu.edu/bulb-onions>
<https://pender.ces.ncsu.edu/2012/09/time-to-plant-onions-and-garlic-2/>
<https://chatham.ces.ncsu.edu/2014/10/time-to-plant-onions-and-garlic-3/>

Soil Testing

Nikki Christakos, EMGV

The most important step a gardener can take — before anything else! — is soil testing. Not only will it help your vegetables and lawns grow well but has the potential to protect your loved ones from possible health risks. Not knowing what is in your soil means you do not know what is in your food. Soil can contain harmful metal elements such as lead and barium that can leach into the food grown in that soil. Additionally, understanding the nutrients in your soil can make it much easier to identify why your plant may be having problems. A soil test also provides the pH of the soil which is crucial for understanding the soil's macronutrients and micronutrients. A pH that is too high prevents micronutrient availability, causing growth problems for plants and grass — while if it is too low, then a plant can develop other issues. An optimal pH enables favorable plant growth by promoting the activity of bacteria and microorganisms in the soil. Too much of certain soil amendments can cause fertilizer burn, prevent access to micronutrients, or even kill the plants. Too little of certain nutrients can result in yellowing of leaves, poor root growth, lack of fruiting, or minimal growth. All of these factors solidify the importance of testing your soil.

To test the soil simply visit your local Cooperative Extension or the NCDA&CS Agronomic Division in Raleigh and pick up a soil sample box and directions for collecting a sample. An excellent piece that details how to collect a sample can be found here: <http://www.ncagr.gov/agronomi/pdffiles/HomeApr2014.pdf> All samples must be mailed to the NCDA&CS Agronomic Division and should not be returned to your local Cooperative Extension. Results will *not* be sent to you: you'll need to go online (see the URL below) to look up your results in a week or two.

The best time to get a soil test is *now*. Now is the ideal time because soil tests are free from April 1st - November 30th and it is important to get the test in time to implement needed soil amendments for the next planting season. Soil testing is available year round but there is a \$4 per sample fee from December 1st - March 31st due to the high volume of samples, which also results in a longer wait time for sample results. Soil samples that are submitted from mid-April through October only have an average wait time of a few days. Once a soil sample has been analyzed the results will be available online at www.ncagr.gov/agronomi/ by clicking on "Find Your Report (PALS)" in the right hand column.

Soil sample results will include how much phosphorus, potassium, calcium, magnesium, sodium, sulfur, manganese, copper and zinc are in the soil as well as the soil pH, humic matter, and exchangeable acidity. Recommendations for the type and amount of fertilizer needed will also be included. For help understanding soil test results, feel free to call your local Cooperative Extension; an Extension Master Gardener Volunteer will be happy to talk you through your results in depth.

Remember that soil testing should be repeated roughly every three years. **KNOW BEFORE YOU GROW!**

Sources

<http://www.ncagr.gov/agronomi/sthome.htm>

<http://www.ncagr.gov/agronomi/pdffiles/HomeApr2014.pdf>

<https://guilford.ces.ncsu.edu/2017/01/test-your-soil-before-adding-lime/>

Kids' Corner

This project is a great way for kids to make a (controlled) mess while helping their feathered friends through the winter. Simply collect nice pine cones during the year.

Wrap a string around one end of the pinecone for hanging. As cold weather arrives, help your kids smear peanut butter all over the pine cone, then roll it in birdseed. The seed will, of course, stick to the peanut butter, making a nutritious, if messy, treat for the birds. Hang as many as you like from low-hanging branches of the trees in your yard, and enjoy the show!



Mark your calendars for the upcoming Community Garden Outreach workshop on Tuesday, October 17 at 6:00 PM at the Kathleen Clay Edwards Branch Library: "Pumping Up Your Community Garden."

This is a workshop for new and experienced community gardeners. The following topics will be covered: winding down for the season, planning for spring, suggestions of what to grow, retaining volunteers, and additional funding for your project. There will be opportunities for comparing

notes about your community gardens and asking questions.

Garden Reports

Guilford College UMC's small raised bed garden is continuing to see good production. So many cukes from trellis! We used much of the produce to provide workers with snacks at our VBS last month. Harvested the first sweet corn July 17. Sprayed the pole beans once which has kept Japanese beetles at bay. We've not seen Mexican bean beetle yet, which in the past has proved the more numerous. **Two new things:** part of an Eagle Scout project from a church member gave us three new (8 by 4) raised beds, and we are thankful for that. We are a Share the Harvest drop site started this season.



George Bowen

Garden Reports continue on next page

Garden Reports

Refugee Community Garden at New Arrivals Institute and Peace United Church of Christ

Our community garden is a collaborative effort between the New Arrivals Institute, a non-profit that helps newly arrived refugees, and Peace United Church of Christ. New Arrivals Institute is housed at the church, and the garden is located on the front lawn of the church at 2714 W. Market St. The garden is maintained by church volunteers, staff at the New Arrivals Institute, and refugee clients who are attending daily English classes. Each day either a church volunteer or New Arrivals staff member takes a group out from one of the English classes to plant, weed, harvest, water, etc. The vegetables are distributed to the clients who have helped in the garden. Many of the refugees we serve were subsistence farmers in their country and possess a lifetime of agricultural skills. They had to leave their land behind and are currently living in apartments with no access to land on which to grow food. The garden here not only provides fresh produce to refugee clients, but also serves as a way for previous farmers to use their skills to grow food once again. Right now, the garden is producing okra, tomatoes, yellow squash, zucchini, cucumbers, green beans, onions, carrots, basil, thyme, mint, and rosemary. Earlier this Spring there was an abundance of broccoli, chard, cabbage, snow peas, mustard greens, beets, and turnips. The refugee community garden is made possible by grants from the Community Foundation of Greater Greensboro and the United Church of Christ.

Larkin Carroll



Garden Reports continue on next page

Garden Reports

World Relief's garden is doing really well, although we are still in need of water installation. The storage shed has been delivered to the property, water meter installed, and we are waiting for a landscaper to do the trenching and a plumber to install the pipes and yard hydrants. Approximately 15 families are participating in gardening this summer.

Sandy Paige, Preferred Communities Program Coordinator



I am attaching photos of both my Garden locations to show you a pictorial of our productivity. One of the gardens is located at **Mount Olive AME Zion Church** and pastored by Willie Funderburg we've had a great season with volunteers coming from North Carolina A&T and local community residences.

Walter Richmond



The **Grove St Community Garden and Food Forest** is going great. Through a grant from Greensboro Beautiful we were awarded funds which we used to build and erect 2 picnic tables and a grape pergola. We have great gardeners this year and we're trying to grow as many flowers for pollinators as possible!

Amy Peddie

EMGV Gardening Gala and Seminar — September 21!

The 16th Annual Guilford County Extension Master Gardener Volunteer Association's Gardening Gala and Seminar will take place Thursday, September 21, 2017, from 8:30 am to 4:00 pm. Registrants should note that the seminar will be held at a different venue this year, the Greensboro Realtors Association's Oak Branch Conference and Event Center, 23 Oak Dr., Greensboro, NC 27407. This year's timely theme, "**Pollination Celebration!**" will feature 3 keynote speakers: **Jessica Walliser**, renowned horticulturist, freelance writer, radio host, and author of bestseller *Good Bug, Bad Bug: Who's Who, What They Do, and How to Manage Them Organically*; **Mike Dunn**, caterpillar enthusiast, nature photographer, and natural science educator at the NC Botanical Garden in Chapel Hill; and **Angel Hjarding**, Director of Pollinator and Wildlife Habitat Programs for the North Carolina Wildlife Federation, and creator of the Butterfly Highway.

Registration for the public begins on July 1 and closes on September 1. Early registration is always recommended as seating is limited. The \$45 Gala fee includes breakfast, all three keynote addresses, one breakout session of choice, catered lunch, shopping with vendors for plants and garden-related art, door prizes, and gift bags. Registration forms are available at the Cooperative Extension Center (3309 Burlington Rd, Greensboro, NC 27405), select garden centers, some public libraries, or online at www.guilfordextension.com/events.

We hope to see you there! (The pictures below are from past Gala events.)



Crop Rotation for the Small Garden

By Carol Hancock, Extension Master Gardener Volunteer

Small backyard vegetable gardens can be susceptible to the same plant diseases and insects that plague bigger farms. The use of chemical controls for these problems might be undesirable or unavailable in the home setting. The age-old practice of crop rotation is one way to prevent or lessen some of these problems, even in a small garden. Crop rotation means changing the crop each year on the same piece of ground.

Home gardeners tend to plant what they like and find easy to grow. This tendency leads to cultivating the same crops on the same areas of land year after year. Growing vegetables from the same botanical family or vegetables that have the same nutritional requirements in one garden area more often than once every three years may lead to a decline in soil fertility and higher incidence of certain insect pests and disease problems. Soil born disease organisms can remain in the soil for long periods of time and some of these tend to attack vegetables from the same botanic families.

Three Reasons to Rotate Vegetable Crops:

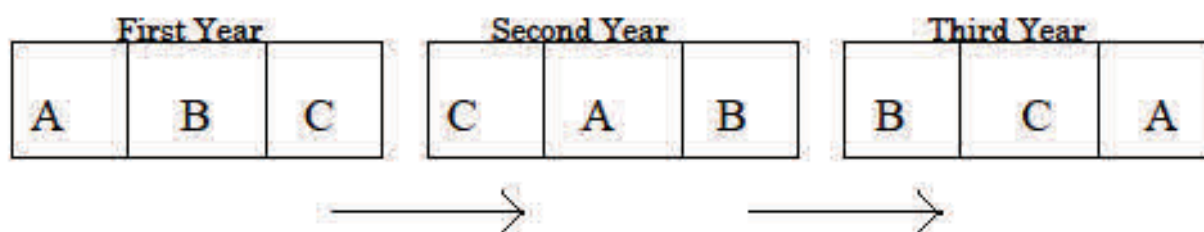
1. Reduction of harmful insects and plant diseases by rotating the location of plants from the same families on a piece of ground.
2. Better plant nutrition by rotating location of plants that make the same nutritional demands on the soil on a piece of ground.
3. Improvement of soil structure by rotating plants that have roots at various depths and that are cultivated with different techniques.

Common Vegetable Families:

Although the parts of vegetables that we eat (roots, leaves, stems, etc.) may be different, botanically the plants may belong to the same family.

<u>Sunflower family</u>	<u>lettuces, sunflowers</u>
<u>Goosefoot family</u>	<u>beets, spinach, chard, quinoa</u>
<u>Mustard family</u>	<u>mustard greens, rutabaga, kale, broccoli, cabbage</u> <u>cauliflower, turnip, radish, watercress</u>
<u>Onion family</u>	<u>garlic, shallots, leeks, onions, chives</u>
<u>Gourd family</u>	<u>melons, squashes, gourds</u>
<u>Pea family</u>	<u>peas, beans, icama, peanuts</u>
<u>Nightshade family</u>	<u>peppers, tomatoes, eggplant, potato</u>
<u>Carrot family</u>	<u>celery, dill, chervil, fennel, carrot, parsnip, parsley</u>
<u>Grass family</u>	<u>corn</u>

It is ideal to allow three years between the planting of same families in the same garden area. Here is a simple example for a three-year rotation in a small garden. A family likes to plant (A) tomatoes, (B) beans and (C) squash. The garden is divided up into three parts. The following diagram illustrates the rotation for the recommended three-year rotation. Year four would return to the first year plan.



The above example of crop rotation is a very simple one. Many home gardeners with limited space like to grow more than three crops. The arrangement of crops depends on many factors such as size and shape of beds, climate and soil in growing areas and number of crops to be grown. The planning process can seem complicated when juggling numerous plants in a limited space. A hand drawn diagram of the garden spaces available and vegetable named index cards to be laid in the appropriate spaces to be planted can be useful. A written record of each year's rotation is essential to keeping track of the plan.

In small home gardens, other crop rotation options may be considered. If space is very limited the gardener may choose to grow only beans and their family members in year one, only tomatoes and their family members in year two and only squash family members in year three. Another option, if space allowed, would be to move the entire garden plot to another garden area each year. The plot that is now vacant would benefit from a planting of some soil amending cover crop (green manure) such as annual rye, crimson clover or buckwheat. This is a great way to improve the soil prior to the return to vegetable cultivation.

Experimenting with crop rotation in the small garden may lead to healthier and more productive vegetable crops. Such a practice that contributes to reliability and sustainability can become a valuable part of gardening technique.

Resources

Coleman, Eliot. The New Organic Grower. Chelsea Green, Chelsea, Vermont. 1989.

Ashworth, Suzanne. Seed to Seed. Seed Saver Publications. Decorah, Iowa. 1991.

Rodale's All-New Encyclopedia of Organic Gardening. Edited by Marshall Bradey and Barbara W. Ellis. Rodale Press. 1997.

University of Illinois Cooperative Extension website.
http://urbanext.illinois.edu/gardenerscorner/issue_04/04_winter_05.html

Bern, Karen M. Penn State Master Gardeners: The Vegetable Garden-Crop Rotation.
http://blogs.mcall.com/master_gardeners/2009/01/the-vegetable-garden-crop-rotation.html

Why are we making such a big deal out of crop rotation? Because it's one of the most important, and most often overlooked, ways to keep your garden healthy and productive! Before this summer gardening season ends and you plant your fall crops, take a moment to either *photograph* your current garden or make *detailed notes* of where each type of plant is located.

Next spring, before you put the first plant in the ground, refer to the handy illustration on the previous pages to be certain you don't plant the same type of crop in the same location once again. Yes, it's challenging to rotate crops in a small raised bed. One approach, if you're friendly with your gardening neighbors, is to do a joint crop rotation. Three of you can agree to devote three entire raised beds to one kind of crop per bed instead of planting multiple veggie types in each of the beds. This spring, Joe can grow tomatoes, Mike can grow squash and cukes, and Millie can grow, say, beans. That will eliminate trying to manage three different plant types in a 4'x 8' bed, which admittedly becomes challenging.

Keep YOUR garden soil healthy and happy: Rotate those crops!

A request . . . from your Newsletter Editor and your Community Garden Outreach Coordinators.



It should be clear now that this issue is all about getting people involved and informed, whether that happens through joining the Extension Master Gardener Volunteer training program or through attending our Garden Gala or any of the multitude of free, educational programs being presented at various venues.

We'd also like to see you get involved with this newsletter!

No, we're not asking you to write for it — although, if you're interested, please let Linda Anderson (anderson7510@gmail.com) or Deborah Pelli (d.hpelli@gmail.com) know! — but we'd LOVE to hear from you about what YOU would like to see in the 2018 issues of Garden Wise.

Do you want more in-depth, fairly technical articles about soil, insects, diseases, or other issues? Critter control? Problems encountered in a Community Garden that might not pop up in a home garden? Something else entirely?

Or do you want more news about the other Community Gardens in Guilford County and what they're up to?

This is your chance to speak up and be heard! I promise we'll listen to you; just send your ideas to Linda or Deborah. Thank you!

And ONE more request . . . from County Extension Director Karen C. Neill

On the next three pages you'll find our annual Community Garden Survey. The information you provide when you complete this survey is extremely valuable to Extension in planning for the coming year. After all, this is Community Garden OUTREACH, so we're reaching out to each of you for your input and opinions. *Please take a few minutes to print this survey and return it to Karen at the address shown on the first page. Thank YOU!*



Community Garden Survey



Community Gardens are intended to provide a common ground where all gardeners can be comfortable and encourage each other in a nonjudgmental atmosphere. Families helping families in their own traditional ways can also benefit from mentoring by Master Gardener Volunteers who bring research based information to the joy of gardening. Community Gardens are aimed at helping save money while also helping individuals make wiser eating decisions. To further this mission and to serve you better, we would like each of you to participate in this short survey and share your ideas. Please mail back to Karen Neill at 3309 Burlington Road, Greensboro, NC 27405 or email karen_neill@ncsu.edu

Satisfaction

Please circle the appropriate number for your level of response

How satisfied are you with:	Not Satisfied	Somewhat Satisfied	Satisfied	Very Satisfied
The relevance of information to your needs?	1	2	3	4
Presentation quality of instructor(s)?	1	2	3	4
Subject matter knowledge of instructor(s)?	1	2	3	4
Training facilities and garden?	1	2	3	4
The overall quality of the community garden program.	1	2	3	4

Was the information presented easy to understand and applicable to helping you succeed in your gardening effort?

Knowledge

Please circle the appropriate number to indicate your level of knowledge about the following topics before and after completing the program. Please use the following key for rating. Only answer those that apply.

1. Very Low = Don't know anything about this topic.
2. Low = Know very little about this topic.
3. Moderate = Know about this topic but there are more things to learn.
4. High = Know almost everything about this topic.

How do you rate your knowledge about:	BEFORE PARTICIPATING IN THE GARDEN					AFTER PARTICIPATING IN THE GARDEN				
	Very Low	Low	Moderate	High	Very High	Very Low	Low	Moderate	High	Very High
Soil testing	1	2	3	4	5	1	2	3	4	5
Crop selection	1	2	3	4	5	1	2	3	4	5
Cultivar selection	1	2	3	4	5	1	2	3	4	5
Pest management	1	2	3	4	5	1	2	3	4	5
Watering/Fertilizing	1	2	3	4	5	1	2	3	4	5
Harvesting	1	2	3	4	5	1	2	3	4	5
Storage/Canning and freezing	1	2	3	4	5	1	2	3	4	5

GUIDELINES AND RULES FOR GARDEN

Please circle the appropriate number to indicate your level of agreement with the following items:	Strongly disagree	Disagree	Somewhat agree	Agree	Strongly agree
The guidelines and rules for the garden are simple and helpful.	1	2	3	4	5
The rules are enforced on a timely basis.	1	2	3	4	5
I know who to call if I have questions.	1	2	3	4	5

CROPS

- Can you estimate how many pounds of produce you grew this year? _____ Pounds
What crops did you grow this year? _____
- Do you think there was ample opportunity for you to meet your fellow gardeners?
____ Yes ____ No
- How often did you work in your garden?
____ Daily ____ 2-3 times a week ____ Once a month
____ Once a week ____ 4-5 times a week
- Please select the appropriate answer choice to best describe your situation related to each of the following practices:

<i>Because I work in this garden ...</i>	Yes	Kind Of	Not Really	Don't Know
I eat more fruits and vegetables.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I eat food that is fresher (less packaged food).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I have lost weight.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I eat less fast food.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I eat more foods that are traditional for my culture/family background.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I eat new kinds of food.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I saved money spent for food.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I feel better about where my food comes from.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I am more physically active.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I am donating/giving extra food to other people.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I learned to garden				
I will continue gardening in future				
- If you saved any money spent for food, could you please estimate the total saving you were able to save as a result of your community garden? _____
- Are there any gardening techniques you would like to learn more about? _____

_____ Yes _____ No

If yes, please describe it? _____

7. How can your Community Garden be improved?

8. What do you like best about coming to the garden?

DEMOGRAPHICS

What is your gender? 1. Male
 2. Female

How do you identify yourself?

- | | |
|----------------------------|-------------------------------------|
| 1. African American | 5. White |
| 2. American Indian/Alaskan | 6. Native Hawaiian/Pacific Islander |
| 3. Asian | 7. Other |
| 4. Hispanic/Latino | |

Share your name/address/phone number, if you are willing to allow us to contact you for follow-up comments (Optional)

Name: _____ Phone Number: _____

Address: _____
City Zip Code

Thank you for completing this evaluation
We appreciate your input as we make every effort to improve Extension programs.



4th Annual Bee Friendly to Bees Day



2017 National Honey Bee Day

Saturday, August 19, 2017

9 AM—1 PM

Honey Tasting **FREE EVENT - OPEN TO THE PUBLIC** Build a Bee Hotel

Talk to Beekeepers Childrens' Nature Books Observe a Live Hive

Tour Pollinator Garden Scavenger Hunt Pollinator Plants For Sale

All these activities and more set amidst the beautiful Extension Demonstration Garden

Guilford County Cooperative Extension Center
 Demonstration Garden
 3309 Burlington Road
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 336-641-2400

Stay tuned for more information at:
www.guilfordextension.com

Bee There!

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