

# BRADLEY COUNTY MASTER GARDENERS



August 2016 Newsletter

## Our Mission

*The Bradley County Master Gardeners promote environmental stewardship through a network of volunteers who provide research-based information and education to Tennessee communities in home gardening and related areas. As part of our mission, the program supports continued education and development for committed volunteers.*

## 2016 Officers

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Bruce and Phyllis Tilden  
[phyllis@uncommonink.com](mailto:phyllis@uncommonink.com)

Historian, Brianne Yancy  
[brianneyancy@gmail.com](mailto:brianneyancy@gmail.com)

**Next meeting: Sept. 1, 2016  
At member Julie Halsey's home**

## Fall Junior Master Gardener class set to begin

A dream has become reality with the help of Bradley County Master Gardeners.

Juvenile Justice Center Judge Swafford and several master gardeners started with a dream of mentoring and teaching young people about gardening. The first class lasted 23 weeks and contained middle school and high school students. The students and the gardeners learned a lot from each other. The program evolved into a 13-week program to be conducted twice a year.



Even though this program was designed to help young people, I believe it has taught both young and old about each other, as well as the science and gratification of growing vegetables.

The fall session began on Tuesday, August 23 at the Juvenile Justice Center on Johnson Boulevard. I would love to see some new adult faces. Anyone interested in helping should contact Leslie Humberd at [lhumberd@bradleyschools.org](mailto:lhumberd@bradleyschools.org) or [lhumberdpersonal@gmail.com](mailto:lhumberdpersonal@gmail.com).

It sometimes takes a village, or at least some willing gardeners, to raise a child!

*Leslie Humberd  
Master Gardener*

## Message from Johnnie



Hello everyone,

We had a great meeting this month, we missed those of you who could not attend. Our next project is the Cow Pea Festival, which is September 10<sup>th</sup>. We passed around a sign-up sheet and got several people to sign up, but still need a few more. Jerry & Ernie Eppinga are the project coordinators for this event. Jerry's email is: [jerryann66@gmail.com](mailto:jerryann66@gmail.com). I will email the work schedule this week, so please look at it and let Jerry know if you can assist. If you can only work an hour for take down or set up, that will help too.

On another note, a couple of you have told me you have your "MG Hours" completed and would like to get your official MG Badge. Please contact our Membership Administrator, Jerry Eppinga and she will get with Kim to order those.

Our September meeting will be held at Julie Halsey's home on September 1. We will be discussing the Cleveland Apple Festival which is in October and I hope to see you there.

*Johnnie Arnett, President BCMG  
Master Gardener*

## Volunteer and CEU Opportunities

### Volunteer opportunities

- ◆ **Junior Master Gardener Project Assistants Needed, Tuesdays, 5:30-7:30 p.m., August 23 - November 22**

The Jr. Master Gardener Project is a cooperative project with the Bradley County Juvenile Court and BCMG Volunteers. Participants in the 13-session program are middle school age students who have been referred to the court for minor offenses and that the court feels would benefit from an intervention program. Students learn basic soil and plant science with both lecture and hands-on instruction.

Assistants will work directly with students to reinforce instruction as well as mentor students in basic gardening activities and are expected to be a positive influence on students and maintain confidentiality.

For more information contact Robin Ramsey, 4-H Agent and JMG Liaison at [r Ramsey3@utk.edu](mailto:r Ramsey3@utk.edu) or 423-728-7001 or Leslie Humberd at [lshumberdpersonal@gmail.com](mailto:lshumberdpersonal@gmail.com).

- ◆ **Cowpea Festival, Saturday, September 10, 10:00 a.m.**

A great opportunity to help festival attendees with their gardening questions and conundrums. The festival is held at Charleston City Park, Charleston, TN. And it really is a lot of fun! Contact Jerry Eppinga at [jerryann66@gmail.com](mailto:jerryann66@gmail.com).

### Continuing Education Opportunities

- ◆ Coming up at Tennessee River Seed Library Organic Gardening Workshops

**Season Extension & Cover Crops, September 13**  
**Composting & Biodynamics, October 11**

Workshops are led by Troy Teets of Spring Creek Veggies and take place 6:00 - 7:30 p.m. at the E.G. Fisher Library Community Room, Athens.

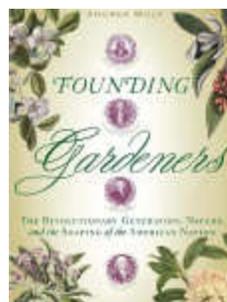
- ◆ **Volunteer Gardener, 10:00am Saturday mornings, PBS**  
This half-hour program features different gardening techniques each week.
- ◆ **Fall Gardeners' Festival, August 30, 9a.m. - 3p.m. (CENTRAL)**  
Walking tours of UT Gardens-Crossville. Educational displays. Ask-the-Expert Tent. Garden Vendors. More. Admission is free. Registration begins at 8 a.m. Central. Schedule attached. [www.ccmga.org](http://www.ccmga.org).

## Eight steps to a great fall garden



1. Begin with removing depleted vegetation from the existing growing area.
2. Turn over the soil by any means to renew the aeration process.
3. Blend in composted material as required to rejuvenate the existing spent soil.
4. Around Sept 1, search out any newly arriving transplants of your choice from any of our garden centers. When they receive the plants we can proceed with our schedule.
5. Any fall seed selections can be made at this time as well. Remember to read the labels as to harvest time.
6. Throughout September and October any seed or transplants will need close supervision for water deficiencies and insect control.
7. If we make it to the first frost, we should be home free for insects. Continuous watering will be required, as necessary for a satisfactory fall production.
8. If all goes well, by mid-November into late December should be productive.

Dave Hopper  
Master Gardener



**Interested in how gardening influenced U.S. history? Here's a recommended book:**  
*Founding Gardeners*, Andrea Wulf

A look at the founding fathers from the unique and intimate perspective of their lives as gardeners, plantsmen, and farmers. As *Publisher's Weekly* put it, "Not only did Washington, Adams, Jefferson, and Madison operate farms, all believed agriculture was the noblest occupation and the foundation of democracy.

"Detailed botanical descriptions, garden layouts, and crop yields of their estates may appeal more to fans of horticulture than of history, but Wulf offers a delightful new perspective on the men we usually associate more with politics than with plants."

2016 Fall Gardeners' Festival  
Tuesday, Aug. 30, 2016

	9:00	10:00	11:00	12:00	1:00	2:00
Tent 1	Fall Gardening Thoughts Carol Burdett	Identification And Control Of Problematic Turf Weeds * James Brosnan	Soil Fertility Ron Arnold	Fall Gardening Thoughts Carol Burdett	Identification And Control Of Problematic Turf Weeds * James Brosnan	Soil Fertility Ron Arnold
Tent 2	Extreme Makeover...The Home Turf Edition Tom Samples Gregg Upchurch	Bokashi Fermentation: Turning Food Scraps Into Liquid Fertilizer David Cook	Modern Hydrangeas: Not Your Grandmother's Backyard Plant! Mark Windham	Extreme Makeover...The Home Turf Edition Tom Samples Gregg Upchurch	Bokashi Fermentation: Turning Food Scraps Into Liquid Fertilizer David Cook	Modern Hydrangeas: Not Your Grandmother's Backyard Plant! Mark Windham
Tent 3	Growing Under Cover: A Whole New World of Pests * Natalie Bumgarner	Destructive Or Beneficial * Frank Hale	Intensive Vegetable Gardening Fred Mullen	Growing Under Cover: A Whole New World of Pests * Natalie Bumgarner	Destructive Or Beneficial * Frank Hale	Intensive Vegetable Gardening Fred Mullen
Tent 4	Deer Resistant Plants For The Plateau-Don't Let Your Yard Be Bambi's Buffet! * Janet Dowlen	Living With Wildlife Mime Barnes	"Fruit Of The Vine-It's So Fine!" David Lockwood	Deer Resistant Plants For The Plateau-Don't Let Your Yard Be Bambi's Buffet! * Janet Dowlen	Living With Wildlife Mime Barnes	"Fruit Of The Vine-It's So Fine!" David Lockwood
Shuttle Area: Wagon to the Greenhouse Complex		AgResearch Providing Real. Life. Solutions. (limit 40) Brent England		AgResearch Providing Real. Life. Solutions. (limit 40) Brent England		AgResearch Providing Real. Life. Solutions. (limit 40) Brent England
Shuttle Area: Center Wagon Tours	yes	yes	yes	yes	yes	yes
Ask-the-Experts	yes	yes	yes	yes	yes	yes
Exhibits	yes	yes	yes	yes	yes	yes
Vendors	yes	yes	yes	yes	yes	yes

### Session Descriptions (\*Pesticide Point Eligible)

**AgResearch Providing Real. Life. Solutions.** (Brent England, UT PREC Research Coordinator) Limit 40  
The UT Plateau AgResearch & Education Center is noted for its studies in beef, fruits and vegetables, field crops, and ornamentals. Hop on the wagon shuttle to the Greenhouse Complex for a presentation highlighting the latest research trials conducted at the Center.

**Bokashi Fermentation: Turning Food Scraps Into Liquid Fertilizer** (David Cook, UT Ext., Davidson County, TN)  
Bokashi is a Japanese term meaning 'fermented organic matter'. A new and revolutionary way of fermenting (pickling) your kitchen waste. This method was developed in Japan and when done properly, breaks down the scrap material with many micro-organisms (lactobacilli, yeasts and phototropic microbes) all working together. It is often referred to as a type of 'composting' but it is actually an anaerobic fermentation process, resulting in a much different end product than that produced via composting. Bokashi is very easy, and generally (bad) odor-free. All that is needed is a bucket (with lid), Bokashi mix, and of course organic waste.

**\* Deer Resistant Plants For The Plateau-Don't Let Your Yard Be Bambi's Buffet!** (Janet Dowlen, Soil Conservationist, Cumberland County Soil Conservation District, horticulturalist by degree)  
We will cover trees, shrubs, perennials, and annuals that are supposed to be "deer resistant" and discuss possible potential deterrents and repellents to use in home landscapes. (1 pesticide point in CAT 1, 3, 10, & 12)

**\* Destructive Or Beneficial** (Frank Hale, UT Professor of Entomology)  
It is important to identify and understand the difference between pest insects and beneficial ones. A diverse landscape with plants blooming spring through fall will attract and support beneficial insects. (1 pesticide point in CAT 1, 3, 10, & 12; 1 in CAT 2, 6)

**Extreme Makeover...The Home Turf Edition** (Tom Samples, Ornamental Horticulture and Landscape Design/Plant Sciences and Gregg Upchurch, UT Extension-Cumberland County)  
Discussion with demonstration tips and techniques for a successful fall turf renovation/establishment.

2016 Fall Gardeners' Festival  
Tuesday, Aug. 30, 2016

**Fall Gardening Thoughts** (Carol Burdett, Cumberland County Master Gardener since 1998)

Now's the time to tidy up our gardens and get them ready for a winter's rest. Some guidelines that will help us help our plants and soil so they can rest easy and prepare for a beautiful spring.

**Fruit Of The Vine-It's So Fine!** (David Lockwood, UT Extension Fruit & Nut Crops Specialist)

Successful grape production requires a marriage of science and art, with a good bit of labor thrown in. Knowledge of how to grow a crop of grapes continues to expand.

**\* Growing Under Cover: A Whole New World Of Pests** (Natalie Bumgarner, Asst. Professor of Residential & Consumer Horticulture)

Greenhouse conditions change the pest and disease complex gardeners may need to combat. Hear an introduction to some of the pests to be watching for and some of the tactics of control. (1 pesticide point in CAT 1, 3, 10, & 12)

**\* Identification And Control Of Problematic Turf Weeds** (James Brosnan, UT Associate Professor of Weed Sciences)

Receive the very latest on effective and economical strategies for weed control. (1 pesticide point in CAT 1, 3, 10, & 12; 1 in CAT 2, 6)

**Intensive Vegetable Gardening** (Fred Mullen, Cumberland County Master Gardener)

Learn how to maximize the output of any garden.

**Living With Wildlife** (Mimi Barnes, Wildlife Information Specialist, Tennessee Wildlife Resources Agency)

Some people enjoy wildlife around their homes. Others find them a nuisance or fear them. What attracts wildlife to our yards and how can we live with them, while protecting our property? What should our expectation of wildlife be? This session will uncover the mystery of what brings wildlife to our homes and provide a few tips to help us live agreeably with wildlife.

**Modern Hydrangeas: Not Your Grandmother's Backyard Plant!** (Mark Windham, UT Professor of Ornamental Pathology)

Learn how to plant, care for and have success with hydrangeas.

**Soil Fertility** (Ron Arnold, Certified Naturally Grown Farmer)

Learn how to grow nutritious food on fertile soil. How to built the soil up and maintain the health of the soil.

**Come Prepared To Shop From Participating Vendors:**

<b>Dirt Dawg Nursery</b> <a href="http://dirtdawgnursery.com">dirtdawgnursery.com</a>	<b>Pipsissewa Herbs</b> <a href="http://pipsissherbs.biz">pipsissherbs.biz</a>	<b>East TN Iris Society</b> <a href="http://easttnirissociety.org">easttnirissociety.org</a>	<b>Tennessee Naturescapes</b> <a href="http://tennesseesnaturescapes.com">tennesseesnaturescapes.com</a>
<b>Payne Nursery</b> <a href="http://paynenursery.com">paynenursery.com</a>	<b>Crossville Garden Center</b> 1760 West Ave., Crossville, TN	<b>Rogers Rigs and Rigamarole</b> 931-788-5445	<b>Horizons, LTD</b> <a href="http://horizonsltd.com">horizonsltd.com</a>
<b>Express Lunch</b> 144 S. Main St., Crossville	<b>Chugga Chugga Chew Chew</b> 931-863-4415	<b>Big John's BBQ</b> 334 Highway 70 E., Crossville	<b>Dendrophilia Landscapes</b> <a href="http://dendrophilialandscapes.com">dendrophilialandscapes.com</a>
<b>Blue Flamingo Farm</b> 719-237-3031	<b>PWP Greenhouse</b> <a href="http://wolfriver.net">wolfriver.net</a>	<b>Plateau Discovery Gardens</b> <a href="http://ag.tennessee.edu/plateaugardens">ag.tennessee.edu/plateaugardens</a>	<b>The Lawn Ranger</b> (931) 484-2070
<b>Landscape Solutions</b> <a href="http://landscapesolutionsco.com">landscapesolutionsco.com</a>	<b>UT Institute of Agriculture</b> <a href="http://ag.tennessee.edu">ag.tennessee.edu</a>	<b>The Papercrete Potter</b> <a href="http://thepapercretepotter.blogspot.com">thepapercretepotter.blogspot.com</a>	

**Exhibits:**

<b>Friends of Crossville Trails</b> <a href="http://fme2meet.com">fme2meet.com</a>	<b>Obed Watershed Community Assn.</b> <a href="http://obedwatershed.org">obedwatershed.org</a>	<b>KinderGarden</b> <a href="http://ccmga.org">ccmga.org</a>	<b>East TN Iris Society</b> <a href="http://easttnirissociety.com">easttnirissociety.com</a>	<b>UT Ext-Cumberland Co.</b> <a href="http://cumberland.tennessee.edu">cumberland.tennessee.edu</a>
<b>Cumberland Co. BeeKeepers</b> <a href="http://ccbeekkeepers.com">ccbeekkeepers.com</a>	<b>Chef Dean</b> <a href="http://ccmga.org">ccmga.org</a>	<b>Cumberland Co. Master Gardeners</b> <a href="http://ccmga.org">ccmga.org</a>	<b>Wild Ones</b> <a href="http://tennessevalley.wildones.org">tennessevalley.wildones.org</a>	

**Mark Your Calendars! The 9th Annual Fall Gardeners' Festival will be  
Tuesday, August 29, 2017**

**Service Dogs Only**