



June
2015

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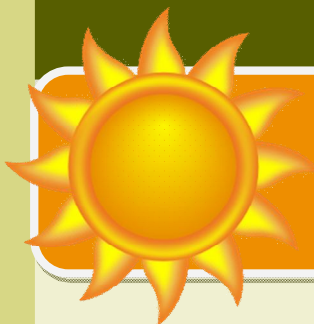
TEXAS A&M
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EXTENSION

If you have an idea or would like to contribute to the newsletter, please contact Jackie Heidinger
jackieheidinger@verizon.net

Sharecropper

Tarrant County Master Gardener Association

June 2015



Sun Safety

By MG Patsy Miller

Master Gardeners spend a lot of time in the sun whether it is in our own gardens or volunteering in another. For most of us, we enjoy being outdoors and watching how sun, water and proper care make things grow.

But while the sun is a friend to plants, it can be the enemy to gardeners. Skin cancer is the most common cancer in the United States, says the American Cancer Society, diagnosed more often than all other cancers combined. Since most skin cancer is caused by too much exposure to ultraviolet (UV) rays – mostly from the sun -- it is important to limit our exposure to sunlight.



Leeann Rosenthal, project lead at Fitzgerald Elementary School Outdoor Learning Environment, has learned this truth first hand. Like many of us, she *usually* wore a hat and *sometimes* slathered on sun screen – but not regularly or diligently. Recently diagnosed with skin cancer, she has become intent on telling everyone – including the students in her Fitzgerald Garden Club and her MG volunteers –about the importance of sun safety.

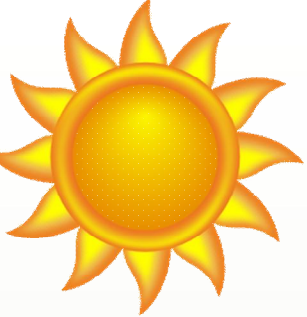
Leeann says she is continually exposed to two kinds of sun exposure. A member of three tennis teams, she is exposed to the sun from above and reflective sun from the tennis court. Plus she spends many hours a week in her own garden and in the OLE at Fitzgerald, where the sun also reflects off the crushed granite pathways.

Her first warning was a spot on her leg which would catch as she shaved. Despite precautions, it just wouldn't heal. Also a mole had changed and itched. She had raw spots on her face and hands that were suspicious. She did some research on the Internet and made an appointment with a dermatologist.

"He checked me thoroughly and oddly some of the spots I thought were suspicious, were OK. He was more concerned with tiny bumps on my neck that I could barely see," she stated.

Leeann did have precancerous and cancerous areas on her skin and was prescribed chemotherapy cream. While that sounds easy enough, "it makes you look diseased and really burns. It attacks the bad skin cells, but doesn't affect the good cells. I used the cream for two weeks, but





Sun Safety—cont'd

the effects lasted three to four weeks. It is very painful – and I had to treat my neck twice.”

Of course, while having the treatment, she had to stay out of the sun – not an easy thing to do in Texas. “I was really fortunate that we had a lot of rain days during my treatment period!”

It has made her a convert to diligent sun protection. “We have such a backwards view of the risks of sun exposure. In our culture, being tanned equates to being healthy, but in reality, a tan is just damaged skin cells. With all the knowledge we now have about skin cancer, I’m amazed that tanning salons still exist. There is still so much misinformation about skin cancer. When I was telling the kids about my treatment, one of them said ‘Yah, but skin cancer isn’t real cancer.’ So I told them the story of my friend who had a little bump on her chest that she ignored for too long. The cancer spread to other parts of her body and she died last year. So, yes, skin cancer is very real and if left unattended can kill you.”

Leeann’s tips – and the American Cancer Society.

- When possible, avoid the sun during the most intense times of the day – 10 a.m.-4 p.m.
- Wear a long-sleeve shirt and long pants (look for clothing brands that have SPF protection)
- Wear a broad-brimmed hat
- Wear wrap-around sun glasses to protect your eyes and eyelids (eyelid cancer can spread quickly)
- Wear a broad spectrum sunscreen of at least 30 SPF. Use a palm full of sunscreen and apply liberally to face, neck, arms and legs – all exposed areas. Apply sunscreen often; every two hours is not too often.
- And don’t forget to protect your lips with a high SPF lip balm. Sometimes these are hard to find, so Leeann often uses the sunscreen sticks marketed for babies on the sensitive skin of her lips as well as other areas of her face.

These are rules to live by for every activity from

running errands to a day at the lake. It is important for children to learn these safety precautions early as they are likely to be outside for long periods of time.

Signs and symptoms of skin cancer:

- Any change on your skin, especially the size or color of a mole, growth or spot, or a new growth (even if it has no color).
- Scaliness, roughness, oozing, bleeding or a change in the way an area of skin looks
- A sore that doesn’t heal.
- The spread of pigmentation (color) beyond its border, such as dark coloring that spreads past the edge of a mole or mark.
- A change in sensation, such as itchiness, tenderness or pain.

Leeann also says, “People should be aware that skin cancer can even start in an area not exposed to the sun, such as between the toes, bottom of the feet and genitals – even your belly button. And everyone, no matter what their skin color, can get skin cancer. Don’t be afraid to go to the doctor and have *anything* checked out, the sooner the better.”

Helpful websites:

<http://www.skincancer.org/>

<http://www.cancer.org/cancer/skincancer/galleries/skin-cancer-images#1>



**Marilyn Satterfield,
TCMGA President**

Our State Awards Committee works many hours to prepare the award submissions, and Tarrant County Master Gardeners are known for winning many of the awards presented at the state conference each year. So, I thought the members might enjoy learning a little more about them.

Thank you, E.T.
for this very
interesting article.

Marilyn



Texas State MG Awards — by Eleanor Tuck

Marilyn asked me to write a bit about the state awards and how/why we get them every year—well, YOU know the answer to that—it is because so many of you work so hard and are so creative. And as you might have guessed—there are criteria.

First, the “purpose is to recognize outstanding Master Gardener (MG) projects and programs and to recognize individual MGs and MG Associations for their outstanding contributions within the state of Texas.” Recognition is the volunteers’ paycheck.

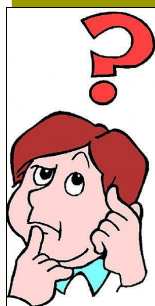
The written documents submitted “must demonstrate overall excellence, high levels of education and community outreach that embody the values of the MG Program and The Texas A&M AgriLife Extension Service “(TAMALE). There are nine criteria to meet this component. All these requirements are published in an awards manual updated annually, and associations must be eligible by being current on dues and documentation sent to extension. We are grouped according to size from “Small” with 29 members to “Extra Large” with Tarrant numbers (almost 400 members). There are eight categories of awards: Youth/County Master Gardener JMG Program; Project; Educational Program; Written Education; Research; JMG Marva Beck Leader Award (this one may be an MG or an employee of Extension); Individual MG and Outstanding MG Association. Scoring also has specific criteria and the judging is all done out of the state of Texas by other agents of the extension. The judges’ comments are made available to us after the annual convention. It is not unusual that our Steve gets requests to use our write-ups in their associations.

As we have struggled each year to write sentences that best meet the criteria and (we hope) please the judges, we have realized that often the pictures we are allowed to include say it so much better. So take pictures of your work because we can usually use five-six as support documentation. Education to the public is always a criteria that the awards committee looks for in a project, total number of MGs involved and involvement of our Agent in the overall process. For the future months, we need to concentrate on developing a RESEARCH program/projects; however we do not start a project just to seek an award. TAMALE is urging all associations to get started on research ideas/projects.

Most important to this process has been the MGs who have put in hours literally—writing and re-writing and then re-checking the wording in the manual! This group of folk includes Ginger Bason, Nora Coalson, Debby Haberly, Tammy Edwards and ET. Special mention and thanks to JoAnn Hahn who has worked with this successful committee for several years before this most recent year.

Please explore txmg.org to read the awards and to get ideas from other associations. (“Members only section” password is sunset) Open the column “Awards” and scroll down to the award you wish to read and the county—click on the county name and it should take you into the write-up of the award. Next explore this whole website for a great deal of information for MG.

Thank you, Marilyn for sharing your space! ET



Gardening & Memory By MG Joyce Hallbauer

The saying goes, “the memory is a fickle thing.” I’ve found that the older I get the more “fickle” my memory becomes. The harder I try to remember things, the more they escape me. This leads to a situation such as, “I found that thing I was looking for in the shed,” which doesn’t help anyone else understand what it is but I know exactly what I’m talking about.

In regard to gardening, it’s all about tools, gadgets and plants. The main tools we use like shovels, rakes, hoes and such are easy to remember but then we get to the sub-groups such as a sharp shooter. A sharp shooter to me is that long shovel when my mind won’t let me remember otherwise. And then we have an entirely different can of worms when we talk trowels which can refer to gardening, brick work or tile work so how do we distinguish them without a better description (hand tool for digging.) At least we have a clue when referring to cultivators and crumblers. Their names tell you what they can do for you.

There are too many other gadgets in our lives these days, even in gardening. Every year new and exciting “things” are showing up on the market for our convenience-garden seats that can be used as kneeling pads, aerators you can strap to your shoes, garden pots with multiple levels for vertical gardening. They may be great ideas and I might buy them but then they just become something else for me to remember, “Where did I put that thing.”

Then we have plants. I believe they are the most important “things,” and the most numerous and confusing.

Here’s where my memory lapses really show up. There are so many plants to remember and so little brain space left in my head. The plant names I know have devolved into vague descriptions such as Artemisia (that silver plant), Datura AKA angels trumpet (the moon flower like thing) or Forsythia (that yellow flowering shrub.)

It doesn’t help that many plants are known by many different names: order, family, genus, scientific, common, regional, nickname, ad infinitum. If you ever lived in another area of the US, you may know plants by entirely different names than here. Is it Lady banks or Lady banksia, Hibiscus or Rose of Sharon? My dad always called Evening primrose, bind weed. On the farm if it grew where it didn’t belong, it was a weed no matter how pretty it was.

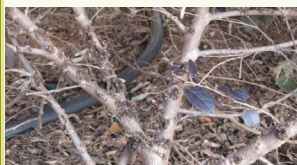
Then other problems “crop up”-spelling, pronunciation and just not hearing it right. Did you know how to spell Elaeagnus, Salvia greggii and Euonymus? And so many others just defy correct spelling and pronunciation unless you’re a trained botanist with a capital B. I can’t speak for everyone but I have misheard many a plant name. Even one letter or syllable changes the word and not hearing the complete word changes tuberosa to tuber-big difference.

We are told to keep our minds agile by learning new things all the time. In my case, I learn but forget everything quickly. There’s no way to win the game-age wins. It would be great to be able to access all the data stored in my brain. I need a search button like my computer. But since this is reality we are talking about, I may resort to carrying around a plant book all the time so I can point to pictures and say, “This thing.”

Lorapetalum Bacterial Canker—by MG Jackie Heidinger

When I decided to redesign my residential landscape, I included the Lorapetalum shrub as one of my foundation plants. I love the color, size and texture of the plant.

Since I planned to use them as a foundation plant, I bought and planted several. Unfortunately, I did not always plant them in the recommended growing locations. Okay, I will admit that I probably planted them in too much shade. But the colors were exactly what I wanted there!



Picture from Walter Reeve

Lesson learned, I am now losing many of them to a disease. I am still doing my research, as we are taught in our MG class, but have sur-

mised that they may have a disease called bacterial canker or Pseudomonas savastanoi. Unfortunately, it appears there is really no effective cure and/or the cure is too onerous.

Hopefully, you are wiser than I and follow the growing recommendations, if not....well? I also learned that I should inspect plants more closely prior to purchase!

If you would like to know more about this disease, I have included a link for you to peruse..

Also, if you have experienced this disease and have had success in curing, please let me know.

<https://sites.aces.edu/group/timelyinfo/Documents/2013BACTERIALGALLONLOROPETALUMTI%202.pdf>

TCMGA— Interesting People

By MG Nora Coalson



MG Carol Dowd

How does a girl who grew up living among the tumbleweeds in Midland, Texas find herself in Southlake nurturing beautiful orchids in a 15x19 foot greenhouse? According to Carol Dowd, her love affair with orchids came about by way of African violets, which she grew on the windowsill of her college dormitory. Her sister's gift of an orchid accompanied by the question, "Why grow African violets on the windowsill when you can grow orchids in the same place?" started Carol down her current road.

That one orchid on a windowsill has now morphed into a greenhouse holding about 250 orchids. After all, there are only so many windows on the south side of a home that one can fill with orchids. And there is only so much inconvenience a husband is willing to endure when the rather prolonged watering process (primarily the drip drying step) interferes with his morning shower-to-get-ready-for-work routine. The greenhouse solution was two years in the planning and has housed her prized orchid collection for the last ten years.

Carol's greenhouse is an intermediate temperature one. A heater and two evaporative coolers keep the temperature between 60 and 90 degrees year round. From the system of thermostatically-controlled vents on the roof that open at 75 degrees, to the hand-operated exterior roof "blinds" that control light and provide hail protection, to the pea gravel floor on which no stray dead leaf is allowed to remain, the greenhouse and its amazing occupants delight all the senses. You don't have to be a Master Gardener to appreciate the structure.

But for those who are gardeners of any ilk, there are amazing Vanda orchids perched high near the roof and growing in slatted boxes with no soil or other medium. These beauties from Thailand reside in the hottest part of the greenhouse where the sun is brightest. A timed sprinkler treats them to a daily 'rain.' All the rest of her orchids are hand watered, each time receiving a diluted fertilizer solution. A humidistat maintains humidity at 45% or higher, and fans run 24/7 to keep air moving and prevent fungal diseases. Carol terms her inability to grow orchids native to the Andes Mountains of South America a "miserable failure" rather than a concession to

Texas heat. You quickly realize the amount of knowledge, attention and effort required to function well in this rarefied horticultural world.

Carol's plant sources are as varied as her orchids. Many come from orchid shows and trades with other growers. Surprisingly she gets some from a local grocery store or other "rescue stores" that have no idea how to care for them. Those go into what she has dubbed orchid ICU (that is the bathroom in her home) before being allowed entrance into the greenhouse. She is exquisitely careful to avoid introducing unwanted insects or pathogens into that protected environment.

As an aside, Carol's use of ICU terminology along with the old intubation guides now functioning as plant stakes provide a clue to her previous life. She is actually Dr. Carol Perusek, a retired anesthesiologist. She had always wanted to be a Master Gardener and accomplished that goal in 2013, after retirement.

When asked why she grows orchids, Carol's answer is because they are beautiful, exotic, elegant, amazing, fascinating, and they make her happy. In her greenhouse, it is always spring. Though she does not sell her orchids commercially, Carol does gift them to friends and family and lends them out to decorate tables at garden club meetings. And she really enjoys the bragging rights that come from besting her sister in an orchid show competition.

For the novice, one of the most common mistakes with orchids is overwatering. Generally they require watering every five to 12 days, depending on the orchid type and growing conditions (temperature and humidity). The American Orchid Society (www.aos.org) offers easy to understand growing tips. Their watering advice includes the ever so simple: "If you're not sure if it's time to water, wait one more day." Since this tricky plant manifests the same symptom, decreased leaf turgor, if it is too dry or diseased or overwatered, it pays to educate oneself before making the investment.

Most of Carol's orchids are Phalaenopsis hybrids, which is the most common species. One surprising fact about them is that the same flower will stay fresh for five months. If the plant is healthy, it will continue to add blooms for six months. Now that's a performer by anyone's definition. She does have three native species, and her most exotic orchid is Bulbophyllum.

The most stunning plant by far to this uneducated observer was a bright orange one, which stood out in a sea of whites, pinks and purples. Carol called it a Bulbaphyllum Daisy Chain and pointed out the elongated pseudobulbs common to most cattleyas. If I ever dared to try another orchid in my home, that would be the one. Maybe if Carol Dowd lived next door I'd give it a shot.



TCMGA Propagation Class was a Success!



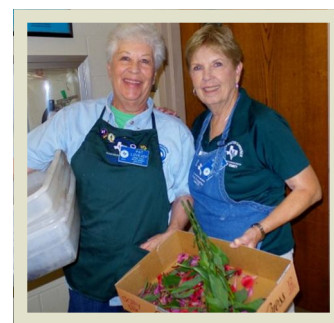
The TCMGA Propagation team, along with Steve Chaney, conducted a state-wide propagation specialist class May 7 - 9.

In all, there were 39 Master Gardeners attending, representing 16 Texas counties. Some came as far away as Ector County in west Texas!

The TCMGA Propagation team spent numerous hours preparing for the class. Claire Alford was the team lead with the rest of the team demonstrating various types of propagation and helping with hands-on lessons.

The agenda was packed full of information and events, including field trips:

- Kay Yount lead a tour of the BRIT herbarium.
- Debbie Garrett of the Botanic Garden Begonia Greenhouse and Taddie Hamilton taught the group about begonias while touring the greenhouse.
- Friday we toured Perennial Plugs with Rodney Elliot discussing the successes and failures of large scale motorized production.
- Dr. Dotty Woodson opened the lessons with lessons on sexual propagation..
- Hester Schwarzer, and Taddie Hamilton taught about asexual propagation along with Steve Chaney.
- Judy Ratzlaff and Pat Lovejoy were behind the scenes preparing the materials needed for each session.



What a great group of Master Gardeners to work with. We look forward to working with the 12 new TCMGA Propagation interns.

Claire Alford
TCMGA Propagation Specialist

TCMGA Speakers Bureau

Each month a dedicated crew of MGs represent our organization by speaking on a multitude of various topics. They are requested by businesses, clubs, schools, cities, and any organization seeking garden knowledge.

We are so proud of these individuals!

Here is a list of the presentations give by MGs in May! When you see these speakers, stop and thank them for their efforts.

TCC NE	4/7/2015	Native Plants	Gailon Hardin
Perennial Garden Society-Southlake	4/8/2015	Plant Diseases	Sher Dunaway
Meadowbrook Garden Club	4/9/2015	Herbs and Companion Plants	Rita Hottel
Edgecliff Village Garden Club	4/10/2015	Growing and/or Using Herbs for a Healthier You	Rita Hottel
Arlington Garden Club	4/12/2015	Living Wreath Demo	Nancy Curl
Green Thumb Garden Club	4/13/2015	Native & Drought Tolerant Plants	Sher Dunaway - booked
Mansfield Garden Club	4/16/2015	Bonasi	Jerry Sorenson
Public Housing Authority	4/17/2015	Information Booth	Lavonne Nowlin
Roland Reed Elementary	4/18/2015	Seed tapes - doing them	Lavonne Nowlin
Cleburn Green Thumb Garden Club	4/20/2015	Native and Drought Tolerant Plants	Sher Dunaway
B&NSF Earth Day	4/22/2015	Information Booth	LaVonne Nowlin
Fort Worth Public Health Department Earth Day	4/22/2015	Information Booth	Lance Jepson, Bill Vandever, Bill Hall
Texas & SW Cattle Raiser Assc.	4/24/2015	MG Program & Texas Agrilife Extension Service	Steve Chaney
UNT Health Science Center - Earth Day	4/25/2015	MG Booth	LaVonne Nowlin
Watauga Library	4/25/2015	Container Gardening	Toni Moorehead
Arlington Garden Club	5/3/2015	Heirlooms and Native	Sher Dunaway
White Settlement Senior Sprouts	5/6/2015	Perennials for Shade Gardens	Camille Thomason
Patsy Miller's Neighbor Committee	5/12/2015	Gardening in small spaces	Sher Dunaway
Gregg County Master Gardeners	5/13/2015	The Pollinators: Birds, Bee & Butterflies and Butterflies	Sher Dunaway
Marine Creek Ranch	5/18/2015	Color year around	Toni Moorehead
Van Zandt-Guinn Elementary	5/22/2015	working with children and talking about their gardens in each grade	Richard Kurth
Breakfast Club of Fort Worth	5/17/2015	What is a Master Gardener	Richard Kurth

2015 Program

Upcoming 2015 Programs

June 4, 2015 Garage sale

July 2, 2015

Dr. Brooke Best of BRIT

Topic- What We Have Learned from the Living Roof

August 6, 2015

Melinda Adams of the Forestry Service

Topic- Care of Trees during Drought Conditions

September 3, 2015

Dell Perry of Dallas Iris Society

Topic-Iris Types and their Cultivation

October 1, 2015

Marilyn Simmons of the Cowgirl Gardeners

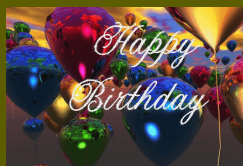
Topic-Perennial Gardening

November 5, 2015

Dr. Barney Lipscomb of BRIT

Topic-Poisonous Plants

**Marianne Levine
Program Chair**



May 2015

- 6/1 Rosalinda Osburn
- 6/2 Sue Sappington, Pamela Taeckens, Carol Turner
- 6/3 Ginger Bason, Paula Billman, Amy Rentz
- 6/4 Lizann Cundall, Camille Eckersley (I)
- 6/8 Grace Nash, Sharon Neben
- 6/9 Harold Annis
- 6/10 Carol Dowd, Nancy Jarratt
- 6/12 Joel Bailey
- 6/14 Omideh Frisinger, Mary Matl
- 6/15 Joyce Hammill
- 6/18 Beth Aldrich, Marilyn Satterfield
- 6/21 Lisa Anderson
- 6/22 Faye Dale
- 6/27 Marcia Lambert, Meina Sargeant, Melanie Sullivan
- 6/28 Donna Morris, Camille Thomason
- 6/29 Sharon Duquemin
- 6/30 Betsy Booth

If your birthday is this month and you don't see it, please contact LaVonne Nowlin.

If you know of anyone who is ill in the Master Gardener Association and/or deaths in their immediate family, please contact LaVonne Nowlin.

Also we are in need of cards to send to our membership. If you could bring any extras you can donate, please bring them to the meetings; it would be so appreciated.

LaVonne Nowlin 817) 581-1850 or email lavonnen@sbcglobal.net.

TMGA SWAP AND SELL ITEMS

Jennifer McSpadden

jenndfw@hotmail.com

Sell Only

Interested in recycling? I have an entertainment center that would make a great ready-made raised bed!

Minimum—50.00



Our Annual
Garage Sale
JUNE 4
MG MEETING

2015 DIRECTORY CHANGES

Please note the following directory updates: Change the addresses, phone numbers and emails of the following Master Gardeners:

-- Camille Eckersley, phone #817-692-7014

Contact Steve Purdy for questions.
spurdy06@sbcglobal.net



Educator/volunteer
Margaret 'Taddie' Hamilton
named Altrusa's 2015 Woman of Distinction;
scholarships awarded to Kenyan UTA student, SHHS senior

Margaret "Taddie" Hamilton, prominent educator and volunteer, was named the 2015 Woman of Distinction by Altrusa International of Fort Worth, Texas, Inc., during its recognition dinner April 27 at the Gardens Restaurant. The award honors the contributions of a local citizen to the Fort Worth community.

Hamilton, who holds bachelor's and master's degrees from Texas Christian University, taught economics, US history and government and world geography in public schools for 29 years, becoming a leader in social studies education and reform at the state level. She is a past president of the Texas Council for Social Studies, served as liaison to the State Board of Education and Texas Legislature from 1996-2003 and won numerous local, state and national awards for her expertise. She also taught at TCU's College of Education for seven years.

This year, as Fort Worth Garden Club president, Hamilton facilitated efforts to restore the historic Municipal Rose Garden in the Fort Worth Botanic Garden. As the 2010-2012 president of The Woman's Club of Fort Worth, she spurred development of several special interest groups, or departments, including Tai Chi and tap dance, plus the creation of a website. A Tarrant County Master Gardener, she is also founder of the Garden Angel Ministry at St. Andrew's Episcopal Church.

For more information, contact Dianne Robinson, president, Altrusa International of Fort Worth, Inc., 817-246-2475; or Altrusans Connie Bosworth, 817-370-0700 or Lynn Hayes, 817-370-2027.

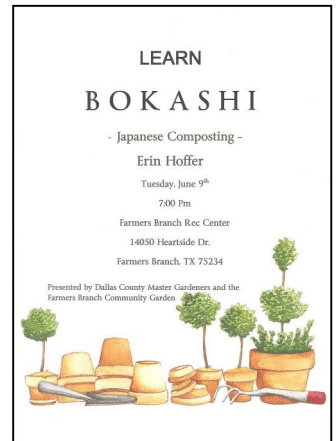
Eva C. Riggs
817-300-4772

Upcoming Events

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JUNE

- June 4** **9 am social TCMGA Meeting— GARAGE SALE!**
10 am- meeting
- June 6** **8:30 am Jewels in the Garden Conference**
Tyler Rose Garden Center
420 Rose Park Drive, Tyler, Texas 75702
More info at <http://txmg.org/smith/jewels/>
- June 6** 9 am - 3 pm **N. Texas Daylily Society Flower Show**
FWBG Moncrief Center
- June 9** 7 pm **Bokashi - Learn Japanese Composting**
14050 Heartside Dr.
Farmers Branch Rec Center,
Farmers Branch, TX
- June 7-13** **National Garden Week**
- June 10** 9 am **FWBG Perennial Garden Guided Tour**
- June 11** 9 am **FWBG Trial Garden Guided Tour**



Notable Upcoming Events

- August 29** 9 am – 1 pm **TCMGA Regional Conference**
1 pm - 3 pm "Vegetable Gardening in North Texas: Fall is a Great Time to Start"
9 a.m.-1 p.m. Resource Connection, 2300 Circle Drive, Fort Worth and
1 - 3 p.m. Community Demonstration Garden, 1801 Circle Drive

Upcoming Events

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Save the Date *August 29, 2015*

“Vegetable Gardening in North Texas: Fall is a Great Time To Start”

Learn the basics of vegetable gardening in this part of Texas and why the fall is the best time to plant a garden. Topics to be covered include:

- It Begins With the Bed*
- Best Vegetable Varieties*
- Insects and Diseases*
- Vegetable Garden Alternatives*

Held in Building 2300, Resource Connection, 2300 Circle Drive, Fort Worth. Off Campus Drive. 9 a.m.—1 p.m.

Then move over to the Tarrant County Master Gardener Community Demonstration Garden, 1801 Circle Drive, for demonstrations and displays:

- Vegetable Beds*
- Composting*
- Irrigation Systems*

and much more

Registration will begin around July 25. Cost is \$30. Look for more information on topics, fee and registration signup at www.tarrantmg.org. Or call the Master Gardener Help Desk at 817-884-1941. Lunch will be available for purchase.



Tarrant County Master Gardeners presents

Rain water Harvesting- Large collection systems

Friday, June 19, 2015

9 am – 2 pm



TEXAS A&M
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5 hours CEU credit for
Master Gardeners



**Fort Worth Botanic Garden
Conservation greenhouse classroom
& Backyard Vegetable Garden**
3220 Botanic Garden Blvd
Fort Worth 76107

**Instructors: Dotty Woodson
& Rainwater Harvesting Specialists**

Learn about harvesting rainwater and large collection systems. Lecture and hands-on installation.

Cost: \$35 – box lunch included Max. 25 participants

Pre-registration required online

https://TCMGA.formstack.com/forms/2015_tcmga_rain_water_harvesting_large_collection_systems

Or contact Billie Hammack blhammack@ag.tamu.edu 817-884-1296

Office Hours Monday – Friday 9 am – 4 pm