

Denton County Master Gardener Association



THE ROOT

Grow With Us



Buds From The Board

BY PAT MOYER, PRESIDENT

Greetings Fellow Master Gardeners and Interns,

If you believe the meteorologists, February was the end of meteorological winter. (When have they ever misled us?) So that means March is Spring in weatherman "speak."

While the weatherman might think of March as Spring, most gardeners know March as a "betting" month. It's when you see how much of a gambler you are. Is it worth the risk to plant those seeds or starter plants? Or, do you hedge your bets and wait another few weeks? I confess that I usually try to gain those extra few weeks by planting early, and I've regretted that decision in more than a few years. Whatever your decision, I hope you're successful.

CONNECT WITH US ON THE WEB
<https://dcmga.com>

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Buds from the Board (Cont.)

Regardless of late freezes, DCMGA is in an active mode. Planning for the Garden Tour and Plant Sale, as usual, are in full swing.

For the Garden Tour, Karen Roberts is coordinating workday schedules for the various gardens. The workdays are for both veterans and interns to help the garden owners prepare for the Tour in May. It's important that we have both veteran and Intern participation. For the interns, it gives them the chance to meet veterans in a working environment. For veterans, it's a chance to meet members of our outstanding Intern Class.

The Plant Sale is another major event that is in the active planning phase. Veterans and interns alike are encouraged to get involved. There are numerous planning meetings that are used to coordinate all the facets of this major funding event. Even if you might not be available for the sale, you can help with the pass-along effort.

Happy Gardening,

Pat Moyer



Photo Courtesy of Liz Moyer

Ann Hillmann Accepts

DCMGA's Educator Award at the Awards Banquet held in January.



Want Ad



1 Gallon Pots
for Plant Sale Pass-Alongs

If you have any to spare,
bring them to the
March 13th
General Meeting;
Michele Rawleigh
will collect them.



TOP GARDENING TIPS

March

Conduct an irrigation audit to be sure your system is working correctly.

Fertilize only if lawn is actively growing & has been mowed 2-3 times.

First mowing height: Bermuda grass, 1"; St. Augustine, 1½-2".

Thin/remove bedding plants as needed to maintain desired appearance.

Share extra plants with friends & neighbors!

#DCMGA #GROWWITHUS

DENTON COUNTY MASTER GARDENER ASSOCIATION

Flower Mound Garden Series

BY KATHY RAINEY

Editor's Note: As Denton County Master Gardener Association celebrates our 30th Anniversary year, we also celebrate a ten-year partnership with the Flower Mound Public Library. We are grateful for the opportunity to educate and engage the community there through our free annual Spring Gardening Series.

WOW! It's the 10 year anniversary for the Flower Mound Spring Garden Series Project. The Root is honored to publicize this milestone with Project Leaders Lynda Harvey, Carol Arment, Flower Mound Librarian Beth Walter, and all the volunteers who have contributed to the success of this project. This project has been a partnership between Denton County Master Gardeners Association and the Flower Mound Public Library. With the Library's mission to facilitate lifelong learning, it was a natural collaboration for DCMGA to present practical, fact-based gardening topics to Library patrons, while the Library promoted the availability of related resources. The topics selected for the Garden Series generate fresh excitement each year for the new spring gardening season.

Over the years, topics have attracted repeat attendees and new residents that are unfamiliar with Texas gardening. Attendance over the ten year period has exceeded 2,500 (another WOW!). Attendees vary in experience, age, and garden needs. Regardless of their background, the most common feedback is that attendees learn something new and that the classes help jump start spring gardening activities. Lynda and Carol seek input from the Library staff early every year. Some of the topics selected each year are based on requests from attendees as well. They have invited guest speakers from garden related businesses, nature experts, and state and national agriculture agencies. Topics have included Texas butterflies and bees, native and range plants, water conservation, and more. The audience particularly likes hands-on demonstrations such as propagation, herbs, and container planting. In 2019, topics were Companion Planting, Yard Art Smarts, Landscape Design for Success, and SUCCess with Succulents.

In 2009, when the first gardening classes were offered, Lynda attended the first year series and was thrilled to have an evening event in the southern end of the county. She was so enamored with the Flower Mound program that she became a speaker the second year and has been committed to the project ever since.

Lynda commends her marvelous contact at the Flower Mound Public Library, Beth Walter, for monitoring the circulation records of gardening books to determine potential topics. Beth orders books based on the current year subjects and provides a bibliography each year of book availability. She also does a phenomenal job producing annual flyers and arranging the media blasts.



Photo Courtesy of Beth Walter

Project Leaders

Lynda Harvey (left) and Carol Arment (right) pose with Beth Walter of the Flower Mound Library (center).

Flower Mound Garden Series (Cont.)

For those Master Gardeners who may be interested in starting a similar project in their city, Lynda provides some tips based on lessons learned in the early years. First, to start a series of classes in your city, seek a contact to promote the idea. Contacts can be from the Library, your city's Keep Texas Beautiful program, City Manager, Parks and Recreation Manager, church groups, HOAs, or schools. Develop a communications plan amongst program organizers and an implementation plan to lay the foundation for a successful project. Find topics that are of interest to your community and try to have a variety of topics and speakers from year to year. Think about publicity to get the word out through channels such as social media, newsletters, local papers, and DCMGA events.

The opportunities for Master Gardeners interested in becoming involved with the Flower Mound Garden Series include becoming a speaker, suggesting or researching a new subject, helping with classroom set-up/clean-up, or attending the Flower Mound sessions. Speakers who have participated in the Series describe attendees as attentive with excellent questions, and it is extremely rewarding when they see "noetic moments" in the audience. When a face flickers like a lightbulb going on, the speaker knows they just "got it!"



Photo Courtesy of Beth Walter

Carol Arment

demonstrates Container Composition at a recent Flower Mound Garden Series class.



Photo Courtesy of Beth Walter

Carol Arment

with her hands-on materials for a recent Container Composition class.

Congratulations on your 10 year anniversary!

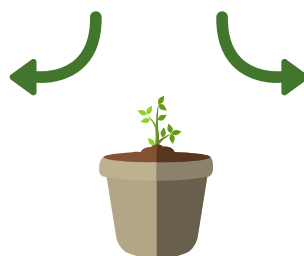


DCMGA Plant Sale

May 4, 2019, 9:00 am to 2:00 pm
(or until sold out)

Trinity United Methodist Church
633 Hobson Ln, Denton, TX

Save the Dates!



DCMGA Garden Tour

May 11, 2019

Tickets Available online March 13

Advanced Sale Ticket - \$10

Ticket Price Day of Tour - \$15

A Special Garden

AUTHOR UNKNOWN

With the much-awaited gardening season here, let us not forget a garden that can be tended year around and which produces wonderful results.

Planting a Special Garden

1. Plant five rows of peas:

preparedness
promptness
perseverance
politeness
prayer

3. Then five rows of lettuce:

let us be faithful
let us be unselfish
let us be loyal
let us be truthful
let us love one another

2. Next to them plant three rows of squash:

squash gossip
squash criticism
squash indifference

4. And no garden is complete without turnips:

turn up for church
turn up with a smile
turn up with determination

Historical item from July 1996 DCMGA newsletter.



Garden Tour Tickets

This year's DCMGA Garden Tour will be Saturday, May 11. Tickets will be available from DCMGA members, online through our website, and at select vendors in Denton County (Calloway's, etc.).

Both online and in-person ticket sales open on March 13th.

New for this year:

- There will be a difference in ticket price for advance and day of tour sales, (children 12 and under are free).
 - Advance sales will be \$10 a piece (both online and in-person sales)
 - Tickets purchased at the Garden tour will be \$15.
- Online sales will have a "will call" feature where purchasers will be asked to select the garden where they would like to pick up their ticket.

For more information on ticket sales and the tour itself, please visit the DCMGA Website.

Celebrating 30 Years: DCMGA Thanks Its Most Veteran Gardeners *Gresha Leamon, Class of 1999*

BY GAY CAMPBELL

"Technology has come a long way since 1999," recalls Gresha Leamon. "We no longer have to miss the beginning of each monthly DCMGA meeting waiting in a long line to record our hours. Now, we have so many more members and projects than we did in the early days. Back then, it was a struggle to get the required 70 hours of service without coming up with our own projects. The downside of becoming a larger association is the difficulty in organizing intimate field trips. As a smaller group, we were easily able to visit so many beautiful yards in the area.

"It became less challenging to accumulate our hours after Lewisville Lake Environmental Learning Area (LLELA) and Lewisville ISD Outdoor Learning Area (LISDOLA) were initiated. They were big projects! Each October, Master Gardeners were asked to help at the State Fair of Texas for three weeks with the

'Little Hands on the Farm' display. These days, the State Fair uses paid employees. The Argyle Iris Garden was another project. Located on private property, it was only open to the public one weekend a year, and we wondered whether we should be involved with it. After a while, the property sold and the business closed. Other projects involved landscaping around Argyle High school and helping an Argyle elementary school. The moral of the story is that projects come and projects go," muses Gresha.

"One goal that we were unable to accomplish on a permanent basis was a demonstration garden," Gresha says. She explains that the city of Denton talked about providing space for such a garden near their newly constructed county buildings, but the plan never materialized. "There are many demonstration gardens in smaller associations. I don't know how those counties were able to accomplish a garden and we were not," Gresha remarks.

Gresha misses John Cooper's wisdom and leadership. John sagely advised new interns to form friendships with each other, as well as members, so that it would seem more effortless to obtain volunteer hours. Gresha also misses John's sense of humor. She laughingly recalls his comments about the over-achieving Master Gardener intern. "John said there was always one in every class. The one in my class only lasted a few years as a Master Gardener," she recalls.



Photo courtesy of Gresha Leamon

Gresha Leamon
Badlands National Park,
South Dakota

Gresha Leamon (Cont.)



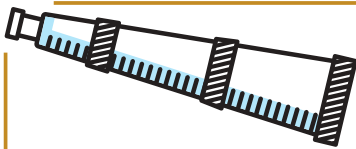
Photo courtesy of Gresha Leamon

Gresha Leamon

Enchanted Rock
Texas Hill Country

Gresha's 1999 intern class was the first to be interviewed before being accepted into the program, although Gresha is fairly certain that they accepted everyone. Her interviewer was Selena Schindler, who was concerned that the working mom of four might become too overloaded to maintain her membership. Twenty years later, Gresha continues to prove Selena wrong! One of Gresha's favorite activities is working the "make an offer" table at the Spring Plant Sale where she delights in finding good homes for "down on their luck" plants and relishes the opportunity to hone her dealmaking skills.

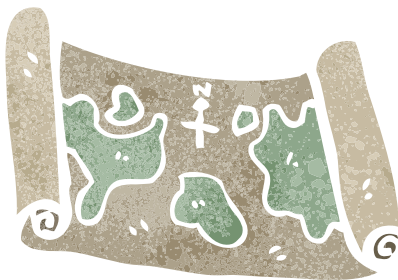
A native Texan, Gresha has been married 43 years. When they're not working together in the family business, Gresha and her husband, Glenn, travel the country in their RV. They especially enjoy hiking in State and National Parks. Gresha collects lapel pins from each of their destinations, and has amassed quite a collection over the years. She owns a glass greenhouse where she overwinters her plants and aspires to find time to grow plants from seed. If she ever retires, Gresha hopes to put into practice another wise nugget of advice by John Cooper and become a Master Naturalist, as well.



***We are on a treasure hunt
for former members!***

Were you a member of DCMGA anytime in the last 30 years,
or do you know someone who was?

Are you interested in joining us for our big 30th anniversary celebration
in August 2018?



Please send your contact
info to Shirley Manfredi
at wilshirm@live.com.



Celebrating 30 Years: DCMGA Thanks Its Most Veteran Gardeners *Ruth Orpin, Class of 1999*

BY GAY CAMPBELL

Ruth Orpin loves Habitat for Humanity (HFH). Her favorite project was a collaboration between HFH and DCMGA in which members assisted homeowners in choosing and installing plants. One particular memory stands out. "I can still recall the family that was so elated with their newly purchased plants that they continued to honk their horn as they drove out of sight. They could hardly contain their enthusiasm. That was a few years ago and their landscape budget was only \$200.00. Can you imagine? That would barely buy a single tree these days," Ruth laughs.

When asked about other projects she misses, Ruth mentions North Lakes Children's Garden. "I don't know what happened to DCMGA's affiliation with that project, but I used to take my grandkids there," she muses. She also reminisces about the lovely roses in the greenhouse at Cumberland Children's Home and the research that DCMGA did on site. Lastly, Ruth recalls DCMGA's involvement with the Denton County Jail System, particularly the Juvenile Department. "Either those projects ran their course or they failed for some other reason," Ruth acknowledges. She isn't sure why DCMGA is no longer associated with certain projects, but she does recall that at the time, the organization had only 50 members. "Perhaps we had spread ourselves a little too thin."

In 1999, Ruth moved from Oklahoma to north Texas. Hoping to learn which plants grew best in her newly adopted state, she joined DCMGA. John Cooper, the Denton County Extension Agent at the time, taught most of the intern classes himself. "I didn't realize there were so many different aspects of gardening," Ruth says. "I had always been interested in landscaping, but I found out that there was so much that I didn't know." Originally from Kansas, Ruth has always had a special love of grasses, but it wasn't until later that she realized that the grasses that grow so well in Kansas are very different than the grasses that Texas boasts. "I hope to learn more about Texas natives," Ruth claims.

After becoming a Master Gardener, Ruth oversaw the DCMGA Mentorship Program. "Why is our retention rate so low?" she wondered. It's a question that Ruth continues to ask herself. Leaving DCMGA is not something she understands. Despite suffering serious health issues, Ruth has maintained her DCMGA membership for 20 years and continues to participate in a variety of organizational events.



Photo courtesy of Ruth Orpin

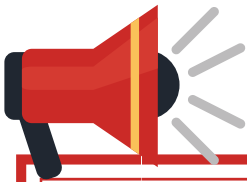
Ruth Orpin
and her companions, Patsy and Carlie
Pipher

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Ruth Orphin (Cont.)

An avid cyclist, Ruth spent most of her weekends at road rallies. However, it all changed nine years ago when Ruth and her bicycle were run over by a Dodge Durango. She counts herself extremely blessed to be alive. Ruth has also suffered a stroke. Events such as these have made Ruth even more grateful to her Master Gardener family. During her recovery, her gardening friends weeded and cleaned up her yard and gave her rides to DCMGA events.

Ruth lives in Denton near the University of North Texas. As a widow, she prefers not to live alone. Her solution is to rent rooms to students. "They treat me like a queen!" she exclaims. When it comes to gardening, Ruth's thirst for knowledge remains unquenched. "There is still so much to learn," she declares.



Renew Membership Now

It's time to renew your annual DCMGA membership, and, as you do, please note the following changes to the policy and procedure:

- Annual dues paid by January 31, 2019 are \$15.
- **Annual dues paid after January 31, 2019 will be \$25**
- All service hours and AT hours must be entered in VMS no later than January 31, 2019.
- **Any member not in good standing as of March 31, 2019 will be inactivated, unless granted an exception by the CEA-Hort.**

As always, to remain a member in good standing, the following conditions must be met:

- Required annual service hours and AT hours have been earned and entered into VMS.
- The annual renewal form AND annual volunteer service agreement have been completed.
- Annual dues have been paid.

For a review of the annual membership renewal requirements, please visit the Member's Info section of our website or this direct link:

<https://dcmga.com/members-info/annual-dcmga-membership-renewal/>

Please contact President Pat Moyer or Member-at-Large Gay Campbell with any questions or concerns.

Plant of the Month – Texas Mountain Laurel *Sophora secundiflora*

BY LEE ANN YATES

Do you remember grape flavored Kool-Aid or grape lollipops? Wouldn't you like that luscious scent in your garden? If you are also looking for a small, native tree or large bush to bring to your garden this spring, give the fragrant native Texas Mountain Laurel, *Sophora secundiflora*, a try! It is also known as Mescal Bean, but it is not related to mescal, which is derived from particular agave plants and is the basis for tequila.

A Native Evergreen Shrub

Texas Mountain Laurel is a native evergreen shrub that can be trained as a multi-trunked small tree. It can be pruned to keep it shrub-like. While it can reach 30' tall if given lots of water, it usually holds in the more manageable and desirable 10' to 15' range and gets about 10' wide. It is highly drought tolerant after getting established for a year or two and is cold tolerant to about 10°F. It prefers poor, rocky soil, but is tolerant of any well-drained soil. It is native to central Texas, running west to New Mexico and south to central Mexico.

Unsheared Texas Mountain Laurels make excellent informal screens or hedges, but it can also serve as a lovely accent tree in a tight space. Planting lighter color or contrasting color plants in front really accents the dark green, leathery foliage.

Flowers and Seeds

Texas Mountain Laurels are slow growers with dark green, glossy, compound leaves and drooping clusters of purply-blue flowers. Flowers range from dark violet to bluish-lavender to, rarely, white and waft a powerful, sweet, grape fragrance over considerable distances. The bloom clusters can be 3" to 7" long, appearing in February into March, and are very showy, but they are poisonous if ingested. However, butterflies, bees, and other pollinators love their nectar! Deer steer clear of Texas Mountain Laurel. If you discover your tree is not blooming come spring, it is likely the flower spikes were pruned off. They form quickly in the spring right after the current year's flowers finish – odd-looking knobbly growths – so be watchful in your pruning.

The fruit of Texas Mountain Laurel appears in a semi-woody, felty, gray pod which ages to dark brown when the seeds are ready to be planted. Collect the seeds in mid- to late summer when the pods have dried and darkened and the seeds are bright red, although it is all right to leave the seed pods on the tree over winter, harvesting and planting the next spring when the soil is warm. You can separate the seeds from the pod and store in a cool, dry place. Soaking them in warm water to soften the shell around the



Photo Courtesy of Liz Moyer

Texas Mountain Laurel

is also known as Mescal Bean. It's blossoms waft a powerful, sweet, grape fragrance over considerable distances.



Texas Mountain Laurel (Cont.)

seed and then scarifying the shells with a file or knife increases your chances of success. You can also harvest unripe seeds – when the seed shells are pinkish – in late June or early July. Plant these seeds immediately and they should sprout quickly. Plant seeds directly in the ground or in pots large enough to accommodate root growth for the first year (1 gallon). Older Texas Mountain Laurels don't take transplanting well – they develop a long taproot that often gets cut. Be careful to not disturb the root ball if you transplant one. Seedlings grow sloooooowly for the first two years, so don't be in a rush! They are worth the wait! If you want to attempt a head start, cuttings from young trees may root as well. Remember, this tree is native to drier regions, so after it's established – the first year or two – don't overwater it. Rainfall should be enough, except in times of severe drought.

Genista moth larvae

Texas Mountain Laurels are not bothered by many pests; however, the *Genista* moth larvae can decimate the foliage on a full grown tree in a few days. At the first sight of caterpillars (when they are still small), use a foliar spray of Bt – *Bacillus thuringiensis*. It is essential to cover both the upper and lower sides of all the leaves. Bt has a short residual time on a plant, so it may be necessary to spray repeatedly to destroy an infestation. Insecticides containing Spinosad formulations are useful for larger caterpillars or heavy infestations and some formulations are registered as organic. These have a longer residual on the plant than Bt.

Prized by Native Americans

The lacquer-like orange, red, or even maroon seed shells are beautiful and were prized by Native Americans for decorating clothing and ceremonial uses. The seeds inside the extremely hard shell contain an alkaloid known as cytisine or sophorine, which is highly poisonous if swallowed. It is related to nicotine, and is a narcotic and hallucinogen. Keep away from children and pets to be safe!

Mescal bean pods at least 6500 years old have been found in west Texas and Mexican archeological digs at caves and rock shelters. The colorful seed shells have been found used as decoration on cloth

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Photo Courtesy of Steve Hurst, hosted by the USDA-NRCS PLANTS Database

Texas Mountain Laurel Seeds

are highly poisonous if swallowed, so keep away from children and pets.

remnants, while seeds were found in trash deposits and in medicine and/or hunters' pouches. Evidence has been found in some areas of the use of mescal beans as medicine or in narcotic drinks as part of religious rituals, as well as religious societies formed around these rituals. A yellow dye can also be made from the sapwood.

Whether you want a grape-y sensory flight back to childhood, a beautiful flowering shrub or small tree in your landscape, or a connection with Native American rituals and lifestyles – consider adding a Texas Mountain Laurel (*Sophora secundiflora*) to your landscape! You will love it! Now, I'm off to find a grape lollipop....

Texas Mountain Laurel (Cont.)

Resources

Texas Native Plants Database

<https://aggie-horticulture.tamu.edu/ornamentals/nativeshrubs/sophorasecund.htm>

Lady Bird Johnson Wildflower Center

https://www.wildflower.org/plants/result.php?id_plant=sose3

Texas Cooperative Extension, April 2007 Newsletter, Dr. William C. Welch, Landscape Horticulturist

[https://aggie-horticulture.tamu.edu/newsletters/hortupdate/hortupdate_archives/2007/apr07/](https://aggie-horticulture.tamu.edu/newsletters/hortupdate/hortupdate_archives/2007/apr07/TxMtnL.html)

TxMtnL.html

The Virtual Museum of Texas' Cultural Heritage (a branch of The University of Texas at Austin, College of Liberal Arts)

<https://www.texasbeyondhistory.net/ethnobot/images/mountain-laurel.html>



DCMGA Members! Do you need **AT Hours**?



All presentations in the speakers series in newsletter flyers are
approved AT for Master Gardeners.

How to Protect Pets and Wildlife When Treating Your Landscape

BY BARBARA BROWN

Spring is the time of year when homeowners begin treating their lawns with various chemicals, including fertilizer and weed control products, and treating turf grass and garden for fungal diseases and insects. Be aware that the pesticides, fungicides, herbicides, and fertilizers used in the garden or landscape can be dangerous to pets and wildlife. The good news is that if you follow manufacturers' instructions, most landscape chemicals can be used safely around pets according to The American Society for the Prevention of Cruelty to Animals (ASPCA), and with a bit of planning, reduce potential harm to wildlife.

Pets are exposed to chemicals when they walk across a treated lawn, roll in the grass, or rub against plants before the chemicals have dried. Licking and swallowing chemicals can upset your pet's digestive system, causing diarrhea and vomiting. Ingesting a concentrated amount of a chemical is more dangerous and can lead to convulsions and death.



Photo Courtesy of Barbara Brown

Minimize The Exposure
of your pet during and after a lawn or garden chemical application.

The risk of a pet developing a health problem from exposure to lawn and garden chemicals depends on the amount and the toxicity of the chemical for that animal. "Pet owners can minimize the chance of their pet having a problem by selecting lower toxicity pesticides and minimizing the amount of exposure their pet has to the pesticide during and after the application," suggests the National Pesticide Information Center.

What you should do

- Read and follow the manufacturer's directions.
- Remove pet toys, bedding, and food and water bowls from the area to be treated.
- Move your pet indoors while chemicals are spread or sprayed. For pellet chemicals, follow instructions to water into the grass and allow it to dry.
- Consider dividing spraying into areas on different days so that your pet has a safe area to use.
- Keep your pet indoors until the chemicals have dried completely.
- Use the least toxic chemicals you can and read safety labels and precautions.
- Clean up any spilled chemicals quickly and do not leave chemical containers where your pet may find them.
- Do not spray chemicals on windy days to limit inadvertent spreading to neighbor's yards. If you notice a neighbor spraying on a windy day, bring your pet inside.
- Store chemicals in their original containers and place them in an area inaccessible to pets.

How to Protect Pets and Wildlife (Cont.)

What to do if your pet is accidentally exposed to harmful lawn chemicals?

If, after a recent application of chemicals on your grass, landscape, or garden your pet shows unusual behaviors such as excessive salivation, vomiting, stumbling, or appears lethargic, immediately contact your veterinarian or emergency pet medical center. If you cannot reach your vet, call the ASPCA Animal Poison Control Center at 888.426.4435.

Be prepared to provide your name, address, and phone number; the name of the product; and describe how it's affecting the animal. The Poison Control Center consultant will also need information on the breed, age, sex, and weight of the animal and the amount of the plant ingested or to what the animal was exposed. There is a consultation fee for this service from ASPCA.

What about protecting wildlife?

Nectar- and seed-eating or bug-eating wildlife can also be harmed by chemicals sprayed on or applied to lawns and landscape beds. You can limit harm to pollinators by not treating plants in bloom or allowing sprays to drift to flowering plants due to windy conditions. For pellet chemicals, including most fertilizers, follow instructions, especially if they require watering the lawn after application. Before applying a product to your lawn, check the EPA's Environmental Hazards section of the product label to evaluate its toxicity to pollinators and wildlife. Then choose the least toxic product to accomplish your goal. Note: some studies confirm that pesticides containing neonicotinoid have potential toxicity to bees and other beneficial insects. The neonicotinoid family of chemicals include acetamiprid, clothianidin, imidacloprid, nitenpyram, nithiazine, thiacloprid and thiamethoxam.

Adjust application to weather conditions and time of day. Winds of less than 10 miles per hour reduce spray drift. Sprayed chemicals should be applied when bees are not actively foraging. The University of Massachusetts Extension Service recommends spraying in late evening, night, or early morning.



Public Domain Photo

Follow Manufacturer
instructions when applying
landscape chemicals.



Walk your lawn looking for broadleaf weeds. Remember, a "weed" is simply a plant growing where we don't want it, so consider transplanting it to another spot on your property and allow it to become groundcover. Pollinators look to these early spring flowers for food sources.

Horseherb photo: Melody Lytle, wildflower.org

Resources

- Texas A&M Agrilife Extension - *What is a Neonicotinoid?*
<https://citybugs.tamu.edu/factsheets/ipm/what-is-a-neonicotinoid/>
- UMassAmherst - Home Lawn & Garden
<https://ag.umass.edu/home-lawn-garden/factsheets/protecting-bees-pollinators-from-pesticides-in-home-gardens-landscapes>
- ASPCA Poison Control
<http://www.asPCA.org/Home/Pet-care/poison-control>

DCMGA Receive Multiple Best Wishes

Letter of best wishes and appreciation from Kevin W. Falconer, mayor of Carrollton, in honor of DCMGA's 30th anniversary.



DCMGA members Kathi Fast and Berndatte Gilbert were honored to receive a Proclamation congratulating DCMGA on 30 years of service to Denton County from Neil Blais, mayor pro tem of Little Elm.



Did You Know?

DCMGA 30th Anniversary Fun Facts

DCMGA members have supported an assortment of research projects. We have:

- collected data for the Antique Rose Trial study at the Cumberland Presbyterian Children's Home – 1994-2004
- conducted surveys and documented results for the American Clematis Society Trails – 1999
- collected data for a Cucumber Beetle Result Demonstration – 2000
- helped release phorid flies in Pilot Point and recorded results of their effectiveness in fire ant control for TAMU study – 2003
- assisted the Dallas Extension Research Center by monitoring and recording data for the Soapberry borer study – 2007

How the Master Gardener Program Started



Master Gardeners in Texas:

A History Full of Commitment and Success



When the term "Master Gardener" was first coined in the early 1970s to describe a new Extension program in Washington State, few could have predicted it would spread into Texas and blossom into one of the most effective volunteer organizations in the state.

The Texas Master Gardener program had its beginnings in 1978 in an Extension horticulture training at A&M University when Dr. Sam Cotner (Extension vegetable specialist) described the success of the movement in Washington state. At that time, county agents in the Texas Agricultural Extension Service were experiencing overwhelming demands for horticulture information, much like their colleagues in the Pacific Northwest.

The first Master Gardener class was held in 1979 in Montgomery County and drew about 25 people. The 50-hour course was held in the evenings and taught by Extension agents and specialists from Texas A&M, using a manual compiled from Extension publications and news articles. Volunteer service was optional, but class members were encouraged to work on Extension projects.

Two more counties, Galveston and El Paso, started programs in 1981. By the end of the decade, five more counties had Master Gardener programs: Harris (1986), Dallas (1986), Tarrant (1987), Bexar (1989) and Denton (1989).

The Texas Agricultural Extension Service made an official commitment to a Texas Master Gardener program in 1987 with the hiring of a statewide coordinator. At that time, guidelines were developed for the program, including a minimum of 50 hours of formal training and 50 hours of volunteer service to become a certified Texas Master Gardener. The 500-page training handbook also was completed then.

In the 1990s, the Texas Master Gardener movement exploded, fueled by the program's success and visibility. In 1991, a statewide, non-profit organization was formed and called the Texas Master Gardener

Association. As of January 1998, there are 54 county Master Gardener programs with over 4,000 certified Master Gardeners statewide. In 1997, they contributed more than 182,000 hours of volunteer service.

Some projects are common to all Master Gardener programs. Answering homeowners' questions by phone is at the heart of most Texas programs. Classroom gardening is another popular project. Some programs add different twists such as cylinder gardening (Harris, El Paso, Galveston), vermicomposting (Smith) or butterfly gardens (Denton). Other common projects are speakers bureaus, community gardens and information booths at local events.

Many projects that Master Gardeners are involved in directly reflect their communities. Examples are the Big Tree Contest (Orange), Wetlands Reclamation (Galveston), state historical park landscaping (Paris, Grayson) and State Capitol landscaping (Travis).

A love of gardening and search for knowledge is central to why Master Gardeners join the program. They remain Master Gardeners to enjoy the camaraderie and friendship of others who share their interests, to gain and share horticulture knowledge, and to give back to the community.

On the other hand, the 54 Master Gardener programs are as individual as the gardeners who inhabit them. Size of overall programs varies from 1 Master Gardener (Madison and Leon) to 8 Master Gardeners (Lamar) to 478 Master Gardeners (Bexar). Regardless of the size program, there is always a waiting list of individuals wanting to enter the Master Gardener program.

Though Texas Master Gardeners are united in name; the program's strength lies in its ability to meet the diverse needs of the individual communities it serves. By combining statewide guidelines with local direction and administration, the program offers the flexibility necessary to keep it a vital and responsive organization that serves all of Texas. ❀

Article reprinted from the July 1998 *Roto-Teller* (DCMGA newsletter)

The Harpool Scholarship

BY SHIRLEY MANFREDI

Have you ever wondered about the background of our Harpool Scholarship fund?

Tom Harpool was born in 1918 in Hebron, Texas (SE corner of Denton County), and moved to the City of Denton in 1928. He and Rebecca Moseley were married for 67 years. Mr. Harpool passed in 2009.

As a young man, Tom had an innate awareness of industry trends in the local farming community. Soon he and his father started a business, Harpool Seed, Inc, and eventually added Harpool Fertilizer Company. He sought out and sold those products which worked best in this locality, from seeds to fertilizer to farm equipment. As the area became more suburbanized, he also brought in lawn and garden products. With the involvement of his family, the business grew into one of the top-ten lawn and garden suppliers in the nation. And, because of his integrity and consistent business practices, Mr. Harpool became an icon in Denton County. He retired from his company in 1989 after a 50-year career.

Although Tom Harpool was a successful businessman, he more importantly became a well-known community leader. He served on the Denton ISD school board, many years as president. Mr. Harpool's belief was "The best thing to live for is service to our fellow man." Many organizations benefited from Tom's guidance and generosity: Denton Chamber of Commerce, Kiwanis Club, Boy Scouts of America, United Way, Good Samaritan Village, Denton Citizens Water Commission, Denton City Charter Commission, Men's Garden Club, the Denton State School, Denton Public Utility Board, TX Municipal Power Agency, NTSU Alumni Association, and, of course, Denton County Master Gardeners Association. Mr. Harpool helped organize the Upper Trinity Regional Water Supply District, and is credited with helping Denton move from well water to surface water through the construction of Lake Ray Roberts.

Tom Harpool entered and completed the DCMGA training requirements in the 1994 class. He was soon holding positions on the board and eventually became President in 1999. He was enthusiastic about passing along his vast horticultural knowledge to fellow Master Gardeners as well as residents of Denton County. He was voted a Life Member of DCMGA (You can read about this in the June 2007 DCMGA Newsletter: <http://txmg.org/denton/files/2010/03/JUNE-2007-ROTO-TELLER.pdf>).

A water treatment plant in Lewisville and a Denton ISD middle school are named in his honor. And, thus, so is our scholarship fund which assists students studying subjects within the horticultural field.

To appreciate Mr. Harpool's life as told by a friend of 42 years, read the September 2009 DCMGA Newsletter (<http://txmg.org/denton/files/2010/03/2009-Sept-ROTO-TELLER.pdf>).

Remembering Our Roots 30th Anniversary

DCMGA helped establish the gardening areas at UNT's Environmental Education
Science & Technology Building in 1998-2000.

Meet Your AgriLife Staff Nikki Johnson

Administrative Assistant, Horticulture Department

Hi there! My name is Nikki Johnson, and I am the new Administrative Assistant for the Horticulture Department.

I grew up in Ponder, Texas, and went to Texas A&M University where I majored in Biomedical Sciences.

I love all animals and have 3 dogs. I hope to have a small farm someday. In the past few years I have started gardening, and I am attempting to grow several kinds of fruits and vegetables at home.

My grandparents inspired my love for all things outdoors and always had a garden for me to help with. I am very eager to learn and meet everyone!



Photo Courtesy of Nikki Johnson

Nikki Johnson

Speakers Bureau



The Denton County Master Gardener Speakers Bureau is dedicated to the mission of educating the public on safe, effective, and sustainable horticultural practices that promote the development of healthy gardens, landscapes, and communities.

We speak to civic groups, neighborhood associations, garden clubs, and other community organizations in Denton County.

Our members share their science-based knowledge and experience on a variety of topics.



Upcoming Public Presentations

March 2, 10:00 a.m. – 12:00 p.m. *Construction and Use of Keyhole Gardens*. There will be a presentation followed by a hands-on portion where participants will re-work a keyhole garden bed on site. Bring gloves. Location: Clear Creek Natural Heritage Center, 3310 Collins Rd, Denton, TX 76208. For additional information, contact Sarah Luxton, City of Denton, 940-349-8152, or instructor DCMGA Brigid Corbett.

March 8, 6:00 p.m. – 7:00 p.m. *How to Use Native Plants in a Conventional Landscape*. Location: City of Justin Parks and Recreation, 415 N. College Ave, Justin, TX 76247.

March 15, 6:00 p.m. – 7:00 p.m. *Texas Superstar Plants*. Location: City of Justin Parks and Recreation, 415 N. College Ave, Justin, TX 76247.

March 29, 6:00 p.m. – 7:00 p.m. *Introduction to Composting*. Location: City of Justin Parks and Recreation, 415 N. College Ave, Justine, TX 76257.

**** Speakers Bureau Presentations Qualify as Advanced Training for DCMGA Members ****

Spring Vegetable Gardening

BY JANET LAMINACK AND LIZ MOYER

The time is now to start your spring vegetable garden, so get out there! You can seed many common vegetables now, such as lettuce, radish, and spinach. Other popular vegetables are available in garden centers as transplants, such as broccoli, cauliflower, and cabbage. Watch out, though. It is too early to put tomato plants out, even if you see them in stores. We hold off on tomatoes until at least our last average frost date of March 18 – and even that is risky. Tomatoes like the soil warmed up before they start growing.

Containers or In the Ground?

Many vegetables can also be grown in containers. Variety selection as well as size of container can make a difference. For beginners, try growing your own salad mix of spinach, leaf lettuce, green onions, and radish. If you have four 1-gallon containers, you can give each vegetable its own container with 2-3 plants in it. If you want to put the plants as a mix into one pot, the container would need to be at least 3 gallon size. All vegetables perform better in full sunlight, but the leafy crops can tolerate a bit more shade than root crops. Fruit-bearing crops, such as tomato or pepper, need the most sunlight of all, 8 hours of direct sun minimum.

Other veggies to direct seed outdoors into your garden now include turnip, carrots, and beets. Succession planting is a method to ensure a more continuous harvest. For example, seed some radish this week and then seed a little more next week. That way, you won't have all your radishes at once. Radish germinates quickly – it's about as "instant gratification" as gardening gets.



Canva.com Stock Photo

Container Gardening

is an option if you are unable to plant directly into the ground.



Canva.com Stock Photo

Grow Your Own Salad

mix of spinach, leaf lettuce, green onions, and radish.

Leafy Vegetables

Many of our leafy vegetables (lettuce, spinach, chard) can be harvested while the plant keeps growing. In other words, if you are growing chard, don't rip the whole plant out of the ground to harvest. This is another good reason for growing leaf lettuce instead of head lettuce (like iceberg), the other being nutritional value. Leafy crops can be planted until about March 15 and again in late August-September for a fall crop.

Spring Vegetable Gardening (Cont.)

DCMGA's North Texas Gardening Info

Our webpage has a special section full of information on growing vegetables in Denton County. From the home page (dmcga.com), find the North Texas Gardening tab and select vegetables from the menu. Also, on the home page you can find out about free upcoming educational events such as a Basic Landscape Design class on March 21 from 6–7 pm at the Aubrey Area Library. Or catch one of the many classes hosted by Keep Lewisville Beautiful and City of Lewisville. Also from the webpage, you can sign up to be on our email list to be alerted to upcoming events and to receive our monthly newsletter, *The Root*. Events include the Childrens' Garden (a hands-on vegetable gardening series), youth summer day camps, and many other classes throughout the year. As always, if you need more information about gardening and growing plants, email us at master.gardener@dentoncounty.com or call 940.349.2892.

Plan now to attend these Denton County Master Gardener events:

- Plant Sale – May 4
- Garden Tour – May 11
- Vegetable, Flower, Herb and Fruit Show – June 15
- Fall Garden Fest – October 12

DCMA Congratulates 2018 Award Recipients

Thank you Southwest Displays & Events for your donation!



Photo Courtesy of Liz Moyer

At the Awards Banquet held this past January, DCMGA President Pat Moyer was pleased to present our Community Partner Award to Brian Cree, CEO of Southwest Displays and Events. Sharing in the excitement were Robert Wagner and Derek Cree, part of the team that helps make our Fall Garden Fest a truly professional and successful event every year.

Grow Your Own Fruit

BY JANET LAMINACK

Why not try your hand at growing your own fruit this year? Fruit production tends to occur on trees and perennial shrubs, which differentiates it from vegetable gardening. A vegetable garden can be started anew in spring and fall, while fruit production is a long-term commitment. Winter is prime time to plant and conduct maintenance (such as pruning) on most of our fruit crops.

We are offering free hands-on workshops for the hobby fruit grower in the next few months. Master Gardeners and Extension viticulturist Michael Cook will be teaching classes at the Denton County Community Grove in Carrollton at the Sandy Jacobs Government Center. The Grove is a demonstration orchard open to the public that is home to many different types of fruits (and pecans).

Classes will be from 9 -10 am and then the participants will practice what they just learned with a hands-on activity from 10 - noon. Friday, March 22, will be grapevine planting and pruning, and Tuesday, May 21, will be grapevine training, green pruning, and crop thinning.

In Denton, Shiloh Field Community Garden will have a hands-on pruning workshop taught by Michael Cook on Saturday, March 9, from 10 -noon.

Not all fruit will grow in our area, obviously. But, variety selection is important even for a fruit crop that does do well in Texas. Soil drainage, soil pH, chilling hours, and nighttime temperatures are all factors to consider. To do your own research on varieties and specific requirements, visit <https://aggie-horticulture.tamu.edu/fruit-nut/>.

For more information on growing fruit or our educational programs, send an email to master.gardener@dentoncounty.com or call 940.349.2892. We are here to help you and hope to see you at one of our upcoming workshops.

Did You Know?

DCMGA 30th Anniversary Fun Facts

Denton Community Garden:

- DCMGA helped establish and worked at Bowling Green Community Garden in Denton (still in operation) – 1996 - 2008
- Added the Children's Garden (one plot) – 2001
- Established 2nd Children's Garden plot – 2002
- Established 3rd Children's Garden plot – 2003
- Conducted a series of Square Foot Gardening Workshops for the public – 2007
- Sponsored Children's Garden plots – 2001-2008



BY JANIE FARLER

Q: I would love to include more native and adapted plants in my landscape. Is there a list for our area?

A: Of course! One of our favorite sites for natives is the Lady Bird Johnson Wildflower Center. You can input your criteria for a list specific to our area. Another great site, which includes native and adapted plants, is Texas Smartscape.

The Native Plant Society of Texas-Trinity Forks Chapter also offers comprehensive lists of Texas natives for Denton County's particular eco-region.

And, our annual plant sale is a great place to find the native and adapted plants on your wish list. This year, it's May 4th at Trinity United Methodist Church (633 Hobson Lane, Denton) from 9 am to 2 pm (or until sellout). The plants find new homes quickly, so come early for the best selection.

<https://www.wildflower.org/plants/>

<http://www.txsmartscape.com/plant-search/index.php>

<https://npsot.org/wp/trinityforks/lists-of-local-native-plants/>

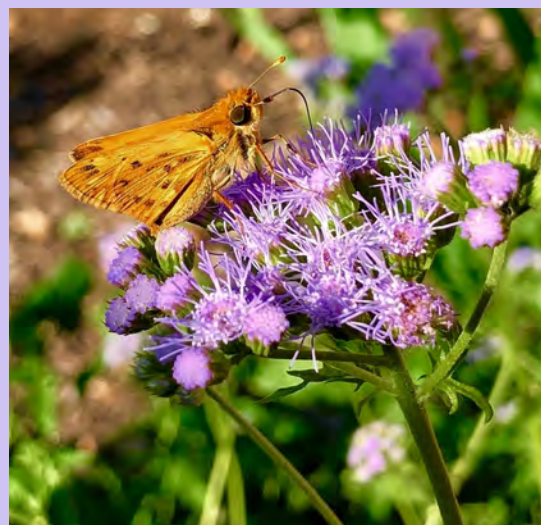


Photo Courtesy of Kathryn Wells

If you have questions about native plants or any other horticulture-related subjects, please contact our Master Gardener Help Desk at 940.349.2892 or master.gardener@dentoncounty.com. It's free of charge, and it's our pleasure to assist you.

Remembering Our Roots 30th Anniversary

The DCMGA 'Answer Desk' became a reality in 1996. It is now known as the Help Desk. Development of the DCMGA website commenced in 2000.



DENTON COUNTY MASTER GARDENER ASSOCIATION

GREATER GARDENING

2019 GREATER AUBREY AREA GARDENING SERIES



JANUARY 17

Butterfly Gardens

**Carol Rowley
& Mary Branstetter**



FEBRUARY 21

Plant Propagation

Suzie Cook



MARCH 21

*Basic Landscaping Design
Principles*

Shirlee & Claud Singer

6:00 PM - 7:00 PM

Third Thursday: Jan, Feb, & March

AUBREY AREA LIBRARY

226 Countryside Drive

Aubrey, TX 76227

Jump start your 2019 gardening
with this free educational series.

Register via email to
kab@KeepAubreyBeautiful.org
or via phone at 940-343-1313.

SPONSORED BY



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and the County Commissioners Courts of Texas Cooperating



DENTON COUNTY MASTER GARDENER ASSOCIATION

Annual Plant Sale

Saturday, May 4, 2019

9:00 A.M.- 2:00 P.M. or Until sellout!!

**Trinity United Methodist Church
633 Hobson Lane, Denton**

Texas native plants, tough-as-nails
perennials and no-fuss roses

Hard-to-find ground covers, bedding
plants and herbs

Special container plants

Pass-along plants from Master
Gardeners' own gardens

Master Gardeners available to help
you make your selections and
answer your gardening questions

**Bring your own wagons or carts so you can
take home as many of these wonderful plants
as your garden can hold.**

**We're also pleased to welcome Stan Poole,
who builds and sells Adirondack furniture,
chairs, gliders, swings and potting tables.**

**For more information, visit our website at dcmga.com,
like us on FACEBOOK or call (940)349-2883**

"Texas A&M Agrilife Extension provides equal opportunities in its programs and employment to all persons, regardless of race, color, sex, religion, national origin, disability, age, genetic information, veteran status, sexual orientation, or gender identity. The Texas A&M University System, U.S. Department of Agriculture, and the County Commissioners Courts of Texas Cooperating"

"Denton County Master Gardener Association educates and engages county residents in the implementation of research-based horticultural and environmental practices that create sustainable gardens, landscapes, and communities."

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03/15/19

Keep Lewisville Beautiful Presents...

2019 Garden Secrets Classes

Join Keep Lewisville Beautiful and City of Lewisville for FREE community classes led by Denton County Master Gardeners and The Texas Agrilife Extension Office. **Classes are free but seats are limited to first 40 participants to RSVP.**

All classes will be held either in Classroom 1 or Recital Hall at the MCL Grand (100 N Charles St, 75057).

RSVP REQUIRED: 972-538-5949
info@keeplewisvillebeautiful.org

Jan 24th:
ULandscapeIT:
Water Efficient
Landscape Design
6-8 PM

February 7th:
How to Plant
Vegetables
6-7 PM

Feb 28th:
Composting
6-8 PM

DCMG topic
to be announced

May 2nd:
Pots in Small
Spots: Container
Gardening
6-7 PM

June 13th:
Sensational
Succulents
6-7 PM

July 18th:
Made for Shade:
Shade Gardening
6-8 PM

August 1st:
Water U Doing
Water Efficient
Sprinklers
6-8 PM

DCMG topic
To be announced

August 15th:
Let's Ketchup on
Tomatoes
6-8 PM

September 5th:
Grow your Own
Vegetables
6-8 PM

September 19th:
Texan Plants
6-7 PM

October 24th:
Birds, Bees, and
Butterflies: Gardening
for Wildlife
6-8 PM

November 21st:
Texas Trees
6-8 PM

The mission of Keep Lewisville Beautiful is to engage the citizens of Lewisville through service and education to enhance their community environment.

RSVP: 972-538-5949 keeplewisvillebeautiful.org info@keeplewisvillebeautiful.org





Denton County Master Gardener Association



2019 Garden Tour

Saturday, May 11
9 AM - 4 PM

*Prepurchase
tickets
for only \$10*

Explore Five Beautiful Denton County Gardens

Prepurchase tickets for \$10 at dcmga.com.

Tickets may be purchased the day of the tour for \$15

Inspiration abounds in these private residential North Texas gardens! Visit dcmga.com for more information, including ticket sales and garden descriptions/locations.




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2019 Area Plant Sales

Following is a list of plant sales in the area where native plants can be found. Check the organization website of Facebook pages for more detail.

April 13-14, 10-2	Fair Park, Dallas	Texas Discovery Gardens	www.txdgc.org/plant-sale/
April 13, 10-1	Flower Mound High School, 3411 Peters Colony Road, Flower Mound	Native Plant Society of Texas, Trinity Forks Chapter	www.npsot.org/TrinityForks
April 13	Austin	LadyBird Johnson Wildflower Center	www.wildflower.org/plant-sales
April 13, 9-5 April 14, 1-5	1 Nature Place McKinney	Heard Museum/Native Plant Society of Texas, Collin County Chapter	www.heardmuseum.org/plantsale
April 20	Myers Park, McKinney	Collin County Master Gardener Association	www.ccmgatkx.org
April 27	6 Stones Urban Farm, Bedford	Tarrant County Master Gardener Association	www.tarrantmg.org/
04/27/19	Fielder House Plant Festival, 1616 West Abram street, Arlington	Fielder House and Arlington Garden Club	http://www.historicalarlington.org/
May 4 9-2	Trinity United Methodist Church, 633 Hobson Lane, Denton	 Denton County Master Gardener Association	www.dcmga.com/
May 4, 10-2	Elm Grove Pavilion, River Legacy Park, Arlington	Native Plant Society of Texas, North Central Chapter	www.txnativeplants.org/
September 21	Randol Mill Park Greenhouse, 1901 W. Randol Mill Rd., Arlington	Molly Hollar Wildscape	www.thewildscape.org/
September	Fair Park, Gate 6, 3601 MLK Blvd., Dallas	Texas Discovery Gardens	www.txdgc.org/plant-sale/
October 5	River Legacy Park, Elm Grove Pavillion, 701 NE Green Oaks Blvd., Arlington	Native Plant Society of Texas, North Central Chapter	www.txnativeplants.org/
October 12	Myers Park, McKinney	Collin County Master Gardener Association	www.ccmgatkx.org
October	Austin	LadyBird Johnson Wildflower Center	www.wildflower.org/plant-sales

Wide Assortment,
including many
member-grown plants
and roses



PASS ALONG PLANTS FOR 2019 DCMGA PLANT SALE

Master Gardener grown plants are very popular with our plant sale customers. Your plant donations make a significant contribution to this DCMGA fundraising effort. Thank you for sharing your gardens through pass along plants!



Pass Along Plants Delivery and Care Process

Drop Off Options

- Option A
 - Drop off pass along plants prior to the Plant Sale.
Early drop offs allow more time for inventory and sale preparation. Plants collected will be cared for by Michele Rawleigh at her home.
 - Drop off dates are
 - April 10th – DCMGA General Meeting
 - April 18th –Plant Sale Planning Meeting
 - April 22nd 1-4pm – Pat & Don Edwards-open garden
 - April 23rd – at Global Spheres after intern class
- Option B
 - Drop off pass along plants at Trinity United Methodist Church on May 3rd - Set Up Day. Please have your pass alongs “sale ready”. Deliveries will be accepted beginning at 7am. Early arrivals are appreciated!

Work days – take inventory, sort, and groom pass along plants.

- Watch for email announcements and information on the DCMGA calendar.

Other Items Needed – Please bring donations to the February Volunteer Opportunity Fair, March and April DCMGA general meetings, or to any of the plant sale planning meetings. Alternative arrangements may also be made by contacting Michele Rawleigh or Don and Pat Edwards.

- Mini blinds
- Nursery pots (4in, 1 gal, 2 gal)
- Decorative pots
- Plant trays

Pass Along Plants Preparation

Identify your plants now for digging in early spring using plastic knives or utility marking flags. Permanent markers and pencils work well to make reminder notes.

When potting plants, prepare and affix pot labels to include the following:

- ***Name of plant, common and/or scientific***
- ***Sun (S), Shade (SH), Partial Shade (P/SH)***
 - ***Annual or Perennial***
 - ***Size, Height and width***
 - ***Color of blossom if appropriate***
- ***Protect labels from moisture if possible***

No need to plant bulbs and rhizomes but please include labels with them.

Plants we are especially seeking include: shade plants, small trees, coralberry, beautyberry, turks cap, bog sage, autumn joy sedum, brilliant stonecrop sedum, four nerve daisy, fall aster, horse herb, and Malabar spinach. We welcome other edibles and vegetables too. When considering edibles, please keep in mind our sale is on May 4th and share items likely to thrive this time of year and later.

Pass Along Plants Co-captain:

Michele Rawleigh

flower.freak@verizon.net

(214) 444-4567 • Home

Seeking someone to serve as co-captain with Michele – no experience required

DCMGA 2019 Plant Sale

Trinity United Methodist Church

633 Hobson Lane Denton 76205

Set up on Friday, May 3rd; Sale on Saturday, May 4th

Co-chairs: Pat and Don Edwards pedwardsj@gmail.com 940-312-3976 cell



"Texas A&M AgriLife Extension is an equal opportunity employer and program provider. The Texas A&M University System, U.S. Department of Agriculture, and the County Commissioners Courts of Texas Cooperating"

Jan 2019 Edwards



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Mission Statement

Denton County Master Gardener Association educates and engages county residents in the implementation of research-based horticultural and environmental practices that create sustainable gardens, landscapes, and communities.

Extension EO/EEO Statement

Texas A&M Agrilife Extension provides equal opportunities in its programs and employment to all persons, regardless of race, color, sex, religion, national origin, disability, age, genetic information, veteran status, sexual orientation, or gender identity. The Texas A&M University System, U.S. Department of Agriculture, and the County Commissioners Courts of Texas Cooperating.

2019 Board of Directors

President	Pat Moyer
Vice President	Kathryn Wells
Director of Education	Kim Wootton
Secretary	Kimberlee Shaneyfelt
Treasurer	Katherine Woodward
Communications Director	Liz Moyer
Member-at-Large	Gay Campbell
Volunteer Coordinator	Kaye Gross
Past President	Tammie Gurley

Social Media

Facebook:

<https://www.facebook.com/DentonCountyMGA>

Instagram:

<https://www.instagram.com/DentonCountyMGA>

Twitter:

<https://twitter.com/@DentonCountyMGA>

Pinterest:

<https://www.pinterest.com/DentonCountyMGA>

Save the Date

April 25-27	TMG Annual Conference (Victoria)
May 4	Plant Sale
May 11	Garden Tour
June 15	Vegetable, Fruit, Herb & Flower Show
August 14	30th Anniversary Celebration

Contact Information

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940.349.2892

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Webmaster:

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Communications:

dcmga.communications@gmail.com

Website:

<https://dcmga.com>

Content

Submission deadline for the April edition of *The Root* is Friday, March 15. Submissions may be revised at the discretion of the editor.

Ideas, photos, and articles are welcome and may be submitted to Editor Karen Gibson at karenhoot19@gmail.com or Communications Director Liz Moyer at lizmoyer@live.com.