

Denton County Master Gardener Association



THE ROOT

Grow With Us



Buds From The Board

BY PAT MOYER, PRESIDENT

Happy Spring to all our fellow DCMGA members and Interns.

After riding the Temperature Roller Coaster in early March, I firmly believe that Spring is indeed here to stay. So, I have planted my tender tomatoes knowing that I may have to eat those words and make another trip to the nursery for replacements. But for now, they are looking good and I'm happy about that.

Spring brings with it not only work in your own garden, but it's also when the pace of DCMGA activities cranks up to a fevered pitch. Early in May we have the Plant Sale, followed quickly by the Garden Tour. Each of these requires a great many hours of preparation and effort by the Project Managers (Pat and Don Edwards for the Plant Sale and Karen Roberts for the Garden Tour). These PMs, in turn, rely on a group of dedicated MGers and Interns who are the keys

CONNECT WITH US ON THE WEB

<https://dcmga.com>
WHAT'S
GROWING ON

- 03 Project Spotlight:
Bayless-Selby
Victorian Gardens
- 06 Veteran Members:
Carolyn Gold
& Donna Wolf
- 11 Plant of the Month:
Redbud Tree
- 15 Feature Article:
Emerald Ash Borer
- 20 Garden Tour Preview
- 23 AgriLife Staff
Spotlight:
Courtney Davis
- 25 Help Desk Q & A:
Rehabilitate Your
Rain Barrel

Buds from the Board (Cont.)

to making these activities so successful. If you are already involved in one of these great activities, "Thank You." If you are not involved, it's not too late. Contact one of the PMs, go to one of the activities in Plan Your Week (PYW), or check the online Member Calendar for other activities.

While you're checking PYW and the Calendar, be sure to look for other opportunities. Some of them include: Fair Oaks, LLELA Work Days, the Flower Mound First Baptist Community Garden, SWAt, the Children's Garden, Doubletree Ranch, and, always the HELP Desk.

If you're interested in what goes on "behind the scenes" in DCMGA, you are, of course, always welcome at the Board of Directors meeting (held at 10:00 a.m. on the First Wednesday of the month at the Carroll Building).

The Bottom Line is that there are a number of opportunities that offer MGers the chance to make Denton County a better place, and we hope that you take advantage of them.

Happy Gardening,

Pat Moyer

We're Celebrating!

This month marks the one year anniversary of the inaugural issue of The Root.

We've grown a bit, from 10 to 34 pages. Our mission remains the same, though: provide evergreen horticultural information to members, interns, and the general public, as well as insight into DCMGA members and programs.

As Editor, it has been my joy to work with an amazing group of DCMGA volunteers who provide content for The Root. Without them, creating this publication would not be possible. You all make this process fun each and every month! Thank you.

Karen Gibson

TOP GARDENING TIPS

April

Plant warm season herbs & vegetables.
Plant warm season flowering annuals & perennials.
Prune spring-blooming shrubs & vines after flowering.
Prune shade trees as needed except Live or Red Oaks.
Allow spring bulb foliage to die & dry before removal.

#DCMGA #GROWWITHUS

DENTON COUNTY MASTER GARDENER ASSOCIATION

Bayless-Selby Victorian Garden

BY KATHY RAINEY

Creating an authentic Victorian Landscape around the Bayless-Selby House Museum is one of Denton County Master Gardener Association's greatest accomplishments. Since designing the gardens in 2000 and after nursery staff brought in soil and installed irrigation and walkways, Master Gardeners planted trees, flower beds, and an herb garden. A few years later, the Pass-along Garden was installed. Master Gardeners maintained the landscape until 2008 when Denton County took over the maintenance, and nearly every member of DCMGA helped out at the Bayless-Selby House at some time. This partnership with the Denton County Office of History and Culture and the Historic Park provides an ideal opportunity to fulfill the DCMGA Mission of providing horticulture education to the public. One of the most exciting accomplishments occurred in 2002 when the Texas Master Garden Association (TMGA) awarded the Bayless-Selby House Garden 1st Place Project of the Year.

From the beginning, Master Gardener Carolyn Gold has served as project manager. Carolyn, along with Carol Brantley, Jerry Alexander, and Master Gardener docents, provide garden tours to school children and other members of the public. An appreciation for nature is emphasized for the children touring the gardens. They are encouraged to look, touch, and smell the plants. The herb garden scents and leaf textures are most popular with school children. The "Now and Then" tour talks about plants that were used in the area in the 19th century that still endure in the 21st century. The "White Lilacs" tour talks about how the garden would look in Denton back in 1920, which supports 7th grade students studying the *White Lilacs* book by Carolyn Meyer.



Photo Courtesy of Carolyn Gold

Project of the Year Award

Carolyn Gold shows the 1st Place Award for Project of the Year received from Texas Master Gardener Association in 2002

Visitors of the Bayless Selby-House walking path observe the sundial and, if the sun is shining, students are asked to tell time. The tours point out the beauty of the house and the functional advantages of the wrap-around porch. To keep cool in the summer, residents would move into the shade from one side of the porch to the other as the sun moved throughout the day. Sitting on the front porch provided enjoyment of the garden and a friendly wave to the neighbors who passed by.

Our docents ask visitors to name the State of Texas tree (the pecan tree, of course), and then the docents provide tips for those interested in planting their own pecan tree. Docents point out the heart-shaped leaves of the redbud trees. Comparing the sizes of acorns between the Bur Oak and Red Oak trees and observing red berries on Possumhaw Holly trees that provide food for birds in winter are examples of topics covered when providing tours of the Bayless-Selby House Gardens.

Bayless-Selby Victorian Garden (Cont.)

Master Gardeners can expect future opportunities to design new landscapes as new buildings are added to the Historic Park. Carolyn hopes to offer a training class for the public and Master Gardener Advanced Training hours in the Park in 2019. Watch for announcements on the Master Gardener calendar. If you have questions about the project, you can read more about the gardens on the DCMGA website and members can contact Carolyn through the VMS system. (Bayless-Selby Garden Victorian Project: <http://txmg.org/denton/files/2013/09/Bayless-in-the-spotlight-background.pdf>)



Photo Courtesy of Carolyn Gold

Break Time

MGers Jerry Alexander, Carolyn Gold (Project Manager), and Carol Brantley provide garden tours to the public.



Photo Courtesy of Carolyn Gold

An Appreciation of Nature

is emphasized with school tours. MG Jerry Alexander encourages the children to look, touch, and smell the plants.



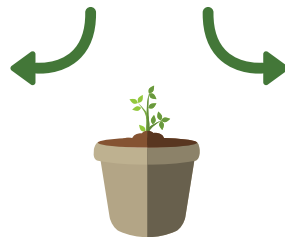
DCMGA Plant Sale

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 at dcmga.com

Advanced Sale Ticket - \$10

Ticket Price Day of Tour - \$15

Remembering Our Roots 30th Anniversary

DCMGA members assisted Keep Denton Beautiful with the first inventory of trees on City of Denton public land in 1996 – 1999.

Tom Harpool Scholarship Awards

BY JERRY ALEXANDER

During the past several years, the Denton County Master Gardeners Association (DCMGA) has been awarding scholarships to deserving young students who are enrolled in both community colleges and universities. These recipients are generally horticulture or entomology majors, but because we work in conjunction with the Denton County Blue Ribbon Club, applicants may also be selected from other

.....



Photo Courtesy of Jerry Alexander

Taylor Danielle Price

received a \$1000 scholarship. Since she is away at college, her parents, Mr. & Mrs. Paul Price, accepted it on her behalf. Presenting were Janet Laminack and Jerry Alexander.

.....

Lauren Hicks is a homeschooled high school senior (May 2019) from Lewisville, Texas. She has a 3.73 GPA. She will be attending North Central Texas College in the fall and furthering her studies at Texas A&M while pursuing a degree in Veterinary Science. Lauren will use her \$500 to pay part of her tuition. While homeschooling, Lauren participated in a horticulture and gardening project in the Environmental Category, as well as the Denton County Livestock Association Youth Fair.

*Well wishes and congratulations to both of these young ladies!
Watch the next issue to read about our other five scholarship recipients!*

related fields of study. The main scholarship (\$1000) is named for the first DCMGA president, Tom Harpool, and the second one (\$500) is given by the Canyon Oaks Garden Club. The committee met on March 5, 2019, to make their selections.

Taylor Danielle Price, also last year's recipient, is a senior at Oklahoma State University. She is a Food and Nutritional Science Major with a 3.83 GPA. She is VP of the Food Science Club, and upon graduation she will be pursuing a Master's Degree, also in Food Science. Taylor is so advanced with her studies that she will be able to use part of her \$1000 scholarship towards her master's degree.

.....



Photo Courtesy of Jerry Alexander

Lauren Hicks

received a \$500 scholarship from DCMGA. Presenting it were Pat Moyer and Janet Laminack.

Celebrating 30 Years: DCMGA Thanks Its Most Veteran Gardeners *Carolyn Gold, Class of 1996*

BY GAY CAMPBELL

"You know you're a redneck when you're aware of the exact number of hay bales you can fit in the back of your car. I can fit three," Carolyn laughs as she recalls her first project as a Denton County Master Gardener. In 1996, Carolyn and her fellow interns used hay bales to create the gardens at Cumberland Children's Home.

When not hauling hay, Carolyn also spent her early years as an officer on DCMGA's Board of Directors and managed a myriad of projects. In 2001, Carolyn chaired four separate projects and was submitted for the 2001 TMGA Individual Master Gardener Award.

One project that Carolyn led for many years was a collaborative effort with Keep Denton Beautiful called Children's Arbor Day (CAD). CAD is a kick-off event to Denton's Redbud Festival and through the years has been so successful that it has become an ongoing project. Each spring, third graders are presented with Redbud seedlings, followed by an educational program. This is especially important to Carolyn, who loves teaching children. Children's Arbor Day remains a popular event in the city of Denton, which was given the title of Redbud Capital of Texas in 1993 by the Texas State Legislature.

In 1998, a century-old Victorian home was donated to the Denton County Historical Commission. The following year, the Commission asked DCMGA to help plan and implement a turn-of-the-century landscape around the home with the goal of creating an historic county park. Carolyn volunteered to be the Project Manager and spent countless hours researching period-perfect plants, as well as designing and overseeing the installation of the gardens. Working closely with the Historical Commission, architect, director, and on-site manager, Carolyn's plans were conceived and implemented in phases. To this day, the grounds of the Bayless-Selby House continue to serve as a valuable demonstration garden and an opportunity for the public to become educated about the importance of hardy native plants. Equally as exciting is the fact that Carolyn has led this project for an astounding 20 years!

The yearly TMGA conventions have been a highlight for Carolyn. She attended many of those with her husband. Married 59 years, they have two daughters and four grandchildren. The couple owns a cabin in Colorado and they love to travel, scuba dive, ski, and hunt seashells on the beach. Carolyn, who has amassed an impressive collection of shells, recalls state conventions in Galveston, San Antonio, and Port Aransas as her favorites. When asked where she loves to dive, Carolyn replies, "Fiji." In honor of their upcoming wedding anniversary, (it's a BIG one), a trip to Cozumel is in the works.



Photo courtesy of Carolyn Gold

Carolyn Gold
Bayless-Selby House
Victorian Gardens

Carolyn Gold (Cont.)

As a member of numerous community organizations, Carolyn believes in the importance of giving back. For many years she has put this belief into practice, and, as a result, Carolyn is greatly admired throughout the community for her selfless volunteer work, as well as her leadership and organizational skills. She refers to DCMGA as a "wonderful" organization, and when she mentions special mementoes she's been given, it's obvious that she's made many friends along the way. Carolyn still has spider-lily bulbs that Myrna Engle gave her 25 years ago and liriopse passed along from Gene Gumphrey.

Another treasured souvenir is a bit of advice from John Cooper. Back in the '90s, Master Gardeners actually made home visits to diagnose horticultural issues. The task seemed daunting until John said, "You know more than you think you do. Learn from experience." Carolyn has certainly learned from experience. Her collection of profusely blooming orchids is an obvious testament to her immense gardening skills, and her innate graciousness dispels any and all signs of her potentially redneck past.



Garden Tour Tickets

This year's DCMGA Garden Tour will be Saturday, May 11. Tickets are available from DCMGA members, online at dcmga.com, and at select vendors in Denton County (Calloway's in Denton, Lewisville, and Flower Mound; Four Seasons; and Meador's).

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 & the tour, please visit the DCMGA website.

2019 Garden Tour Video Teaser

Our intrepid videographer Steve Simpson launched his drone during Garden Tour work sessions this spring. Don't miss his YouTube video for a sneak peak at this year's five Garden Tour sites.

<https://youtu.be/Tv4BuMf6ytc>

Celebrating 30 Years: DCMGA Thanks Its Most Veteran Gardeners *Donna Wolf, Class of 1996*

BY GAY CAMPBELL

"Without Donna, DCMGA would not be where it is today," says Shirley Manfredi. For 17 years, Donna Wolfe served as the administrative assistant to the Denton County Extension Agent, first to John Cooper and then to Janet Laminack. Aware of Donna's legendary status within the organization, my goal in interviewing Donna was to delve into the "wealth of information" she has and learn everything I could about DCMGA's early years. Fortunately, Donna did not disappoint.

In 1996, the year Donna was a DCMGA intern, the organization had not yet begun interviewing applicants. The first 30 applicants were usually automatically accepted into the program. After their weekly class, several of the interns would typically accompany John Cooper to lunch. Graduation banquets were held at Texas Woman's University (TWU) until they outgrew the space.



Photo courtesy of Donna Wolf

Donna Wolf

with KeeKee, one of her three
Affenpinscher show dogs

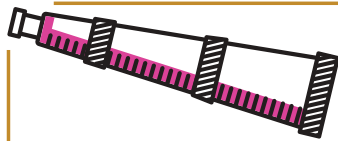
There were fewer projects, and Master Gardeners made "house calls." The Board of Directors had retreats that were held at Briarwood Retreat Center. DCMGA was not a 501c3, and the newsletter was handled in a very different manner. It involved cutting, pasting, and making copies on the office copier. The copies were then folded, addressed, and mailed to all the individual members.

As an intern, Donna was THE Master Gardener Help Desk because no one else wanted to tackle the job! In the days before Google, it was an especially time-consuming task. If she could not find the requested information in the Extension textbooks located in the office library, she would ask John. In 1996, John's assistant left, and he encouraged Donna to apply for the position. Donna, who had spent her previous years in the corporate world, was certainly qualified, although she laughingly admits that she had to brush up on her administrative skills, especially typing. Her long tenure in the office involved helping John plan intern classes, acting as the volunteer coordinator, continuing to run the Help Desk, and many more activities. "John loved to educate and help people. No matter how busy he was, if someone came into the office with a horticultural issue, he would stop what he was doing and treat that person as if he had all the time in the world to help them." Donna goes on to say that she greatly enjoyed working for John and later for Janet after his retirement. "I was one of the lucky ones who loved their job, loved working for their boss, and looked forward to coming to work."

Donna Wolf (Cont.)

Asked to recall a few examples of time spent working in the County Extension Office, Donna claims that it was not uncommon for the public to bring in snakes to be identified. Once someone brought in a jar containing a live snake. Unbeknownst to the homeowner, he had captured a juvenile copperhead! The office kept the snake, and later John drove it out to a wooded area and released it. Donna reminisces about another incident that involved a "house call." John told the homeowner that the tree next to the septic system was so stressed from excess water that it was going to die. He intended to advise her to plant a replacement tree nearby, but never got the chance because, upon hearing news about the demise of her favorite tree, the homeowner immediately burst into tears.

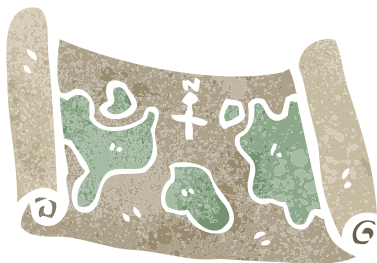
Donna and her husband will soon be celebrating their 25th wedding anniversary. Although they have no human children, they are parents to three Affenpinschers aged 13½ years to 20 months. Donna is President and Rescue Coordinator for Affenpinscher Rescue of America and Corresponding Secretary for Affenpinscher Club of America. They are very involved in dog shows, where they recently began showing their Affenpinscher puppy. Donna has been a Master Naturalist since 1998, and she enjoys the outdoors. She misses gardening in Virginia, and intends to take John Cooper's advice regarding her own dying trees. In anticipation of losing her beloved Post Oaks, she is already planting new trees nearby.



*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 2019?



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



2019 DCMGA Plant Sale

Saturday, May 4, 2019

9 am – 2 pm *or until sellout!*

Trinity United Methodist Church

633 Hobson Lane, Denton



- Great selection of ground covers, bedding plants, and "Super Spreaders"
- Texas Superstars®
- Texas native plants, plants for pollinators, tough-as-nails perennials, and no-fuss roses
- Special container plants
- Pass-along plants from Master Gardeners' own gardens
- We are pleased to welcome back Stan Poole, who builds and sells Adirondack furniture, chairs, gliders, swings, and potting tables.

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

RAIN or SHINE

Sale hours are 9 A.M. to 2 P.M., but the most exciting items will go fast, so shop early!

If you have them, bring your own wagons or carts so you can take home as many of these wonderful plants as your garden can hold.

Plant of the Month – Redbud tree

Cercis canadensis

BY LEE ANN YATES

Spring has gloriously arrived! Let's visit a favorite of the Denton County area – the Redbud tree, which has been cultivated since at least 1641. We've been seeing these early spots of color for a couple of weeks now. One of Denton's monikers is the "Redbud Capital of Texas" celebrated at the annual Redbud Festival, Denton's Arbor Day celebration. It is held in and around the Civic Center, a short trip east of the downtown square. This year's event will be on Saturday, April 13, offering vendors for plants, yoga, crafts, a kid zone, "Trashion Fashion" show, live music, food, and free redbud trees! You should try to squeeze this fun time into your schedule.

An Understory Tree

Redbuds (*Cercis canadensis*) make a good understory tree as they like light shade, especially when young, but will stand up to full sun. They are fast growers, therefore also short-lived (30 year old trees are rare), but well worth it for the fresh breath they bring in a sometimes dreary spring. They tolerate occasional water stress at either extreme, but do best in well-drained soil with regular watering. Once established, redbuds generally don't need much water, but some varieties are more drought tolerant than others. Most are small enough to easily work in smaller, urban lots, and their blooms make them perfect accent trees in any size space. Those eye-catching blooms appear on bare branches usually in late March, lasting two to three weeks into April, in shades of pink, rose, purple, or pure white. The blooms resemble the flowers of pea plants, as do the seed pods (same family as peas), which persist through summer and into winter. Distinctive heart-shaped leaves fill in as the flowers fade and have a variety of shades from yellow to green to plummy-purple, depending on the cultivar.

Redbuds Native to Texas

There are three varieties of Redbuds native to Texas:

- *Cercis canadensis canadensis*, Eastern Redbud, is found in the pineywoods of East Texas
- *Cercis canadensis mexicana*, at home in the arid regions of west Texas and northeast Mexico, is unique with really fuzzy leaves and wavy margins, and is tolerant of more alkaline soil, so it might do well in drier landscapes in North Central Texas
- *Cercis canadensis texensis* is found in southern Oklahoma along the limestone ridge running from North Central Texas to the south. This last one is the variety recommended for the conditions of Denton County.



Photo Courtesy of Karen Gibson

A Redbud Tree

is small enough to work in urban lots and its blooms make it the perfect accent tree.



Redbud Tree (Cont.)

Texensis tends to be shorter than Eastern Redbuds with thicker, more lustrous leaves, which are somewhat hairier on their undersides than redbuds found further east. These characteristics lend *texensis* increased toughness in drier locations. It grows 10'-20' tall, and is considered to be quite drought-tolerant once established. It has good cold and heat tolerance, as well, and likes alkaline soils, but will tolerate some acidity. Fall color can be quite pretty when the leaves turn, giving an additional season of accent color.

There are many redbud cultivars available, but let's look at a few that will do well in Denton County.

Native Redbuds Popular in Nurseries

'Oklahoma' has intense magenta flowers, and grows quite tall for a redbud (30'-40'). It has large, very shiny, dark green leaves with rounded or notched tips and long, purple seed pods.

'Texas White' has pure white flowers, not seen often, which can be a real stand-out in the landscape. Its dark green foliage turns yellow in fall, and it grows to 20' x 20'.

Non-Native Redbuds

These non-native varieties do well here with some attention:

'Traveller' is a weeping cultivar, which may only get to about 5' unless trained on a stake to grow taller. Its new leaves are coppery-red, turning to dark green, and sports rosy pink flowers.

'Rising Sun' has bright pink flowers and standout leaf colors – new leaves appear yellow-orange, turning light green, then dark green, often on the same branch at the same time, giving a sunrise effect.

'Forest Pansy' sports dramatic scarlet-purple leaves that mature to maroon in summer, turning yellow-orange in autumn. It flowers later than most, a darker rosy purple.



Canva Stock Photo

Redbud Blossoms

are eye-catching shades of pink, rose, purple, or pure white.

'Burgundy Hearts' is similar to 'Forest Pansy,' but reported to hold burgundy leaf color all summer, and has pinkish-lavender blooms.

'Silver Cloud' has unusual variegated pink/white/green foliage that continues the look of blooms after the rosy pink blooms have faded.

'Flame,' or 'Plena,' is an Eastern Redbud, so will need more water. Its double pink flowers look like tiny roses. This variety is the state tree of Oklahoma.

Redbud Tree (Cont.)



Photo Courtesy of Marti Hector

Rising Sun Redbud Blossoms

provide splashes of cheery color in early spring.



Non-Native Varieties Popular in Nurseries

'Avondale' is a Chinese redbud (*Cercis chinensis*) which blooms deep purple-red blossoms in early spring. Blossoms are very dense on the tree, as are the seed pods, which become mostly covered by an abundance of leaves. This is a good choice for small spaces, as it tends to keep an upright form and gets only 10' to 15' tall.

Redbuds offer additional benefits besides their good looks. A number of wild birds eat the seeds, and it is moderately deer resistant. Flowers of native redbuds are edible and are fried or pickled for salads in Mexico. Supposedly, they taste like snow peas when eaten soon after picking. Redbuds are a nectar source for bees, butterflies, moths, and other insects, so they are a wonderful addition to pollinator gardens. They also serve as a larval host for Henry's Elfin Butterflies.

Now you have plenty of reasons to add redbuds to your landscape. Splashes of cheery color very early in spring, fall color, pollinator feeder, and larval host for one of the sweetest little butterflies - what more could you ask for? Get out there and get a redbud....or several. Happy Gardening!

Resources

"Texas Native Redbuds" (*Tyler Morning Telegraph*) by Greg Grant, *Texas A&M AgriLife Extension*
https://tylerpaper.com/lifestyle/texas-has-native-varieties-of-redbud/article_28e9b729-d572-51cd-8b23-f5724a028c8d.html

"Texas redbud," Aggie Horticulture, *Texas A&M*
<https://aggie-horticulture.tamu.edu/ornamentals/natives/CERCISCANA-DENSISVAR.TEXENS.HTM>

"Redbuds Signal Spring," *Texas A&M AgriLife Extension*
<https://agrillife.org/etg/2013/03/19/redbuds-signal-spring/>

Lady Bird Johnson Wildflower Center Plant Database
https://www.wildflower.org/plants/result.php?id_plant=CECAT



Want Ad



1 Gallon Pots
for Plant Sale Pass-Alongs

If you have any to spare,
bring them to the
April 10th

General Meeting;
Michele Rawleigh
will collect them.



Happy 25th Anniversary Denton Redbud Days!

Saturday, April 13, 2109

*"Denton was designated The Redbud Capital of Texas in 1993 by the Texas Legislature.
The first annual Denton Redbud Days was held in 1994 to celebrate Denton's new Redbud Capital status."*

In keeping with our arborial theme this month and our interest in anniversary celebrations (have you heard that DCMGA celebrates its 30th Anniversary this year?), we bring you these historical reprints originally written by Tom Harpool and John Cooper.

Idea blossoms to redbud event

Did you know that Denton was designated the Redbud Capital of Texas in 1993 by the 73rd Texas Legislature?

There was a massive planting of redbud trees on the Texas Woman's University campus in the 1930s initiated by then-TWU president L.H. Hubbard. That soon was followed by a citywide planting.

The first annual "Denton Redbud Days" was held in 1994 to celebrate Denton's new Redbud Capital status. This year's "Denton Redbud Days" will be celebrated March 9. The event will include gardening demonstrations, booths, food and music. The festival has grown in scope every year since its inception and is a boon to the local economy, as well as contributing to the image of Denton as a beautiful place to live and work.

There are many lovely varieties of native redbud trees. These include the Eastern Redbud, the Texas Redbud and the Mexican Redbud. One of the most striking redbud varieties is a cultivar of the Texas Redbud called the Oklahoma Redbud. Redbud trees can be planted during the



Tom Harpool

winter and may bloom the first spring if large enough when planted. Proper soil preparation and watering is essential for redbud care. Back fill the hole with 1/3 native soil and 2/3 well-rotted compost. It also is important to water the trees every seven to 10 days in the absence of rain until the tree is well established.

Proper placement of redbud trees also is important. Redbud trees show up best set back from the street, at the edge of a grove of trees or near large yard trees. Redbuds grow to a mature height of approximately 20 feet with a 20-foot canopy.

In the 1930s, a Redbud Trail was established by the Denton Chamber of Commerce, and signs of the planting still are visible. In keeping with this idea, a map of the Denton area is being prepared pinpointing ideal locations for redbud trees. Local residents will be encouraged to be a part of the new "Denton Redbud Trail."

The Keep Denton Beautiful Inc. board and interested volunteers have started a fine program. We need the help and support of interested residents, businesses and community organizations to continue the tradition of Denton's Redbud Capital status for "Denton Redbud Days" to be truly successful.

And remember, those interested in planting redbud trees don't have to wait until March to do so. In fact now is a great time.

■ TOM HARPOOL is a local nurseryman and civic leader.

Monday, February 25, 1996

COMMUNITY CHRONICLES

History of Denton redbuds goes back to 1930s

In 1993, both houses of the 73rd Texas Legislature officially and unanimously proclaimed Denton, "Redbud Capital of Texas." The entire Denton legislative delegation was instrumental in passage of the resolution establishing this favored status.

The history of the redbud in Denton goes back to the early 1930s when Texas Woman's University President L.H. Hubbard and Fred Westcott, director of the department of rural arts at TWU launched a campuswide beautification program featuring redbuds that resulted in a greater citywide redbud planting program. Six decades later, their labors continue to yield dividends.

Redbuds are right at home in North Texas. Three species of redbuds are native to Texas



John Cooper

Horticulture

and two of them are native to Denton County. The third, Mexican Redbud, is native to only seven counties of the Trans-Pecos in far southwest Texas.

Over the past four years, over 3,000 new redbuds have been planted within the city as the residents of Denton have renewed their love affair with

this gorgeous ornamental. Today, redbuds are the third-most populous street tree in Denton and can be seen wherever you go throughout the city.

To celebrate the day of the redbud and encourage their planting and that of other native ornamentals, March 9 has been set aside for "Denton Redbud Days." This day-long spring celebration is geared to the whole family.

Educational gardening and environmental exhibits will be held at the Denton Civic Center from 9 a.m. until 4 p.m. Nursery products and services will be on sale just in time for spring planting. Live music and special events will be held throughout the day including a special guest appearance by radio personality Dale Groom, "the plant groom."

Redbud trees will be on sale

in sizes to fit every pocketbook. Redbuds can be planted in the open or in the shade of larger trees. There is a place for a flowering redbud or two in every landscape.

Redbud Day events include a "People's Choice Auto Show," hosted by Gene Gurnford and Sonie Drive's of Denton. It will be in the Denton Civic Center parking lot from 10 a.m. until 3 p.m. Classic cars of all kinds will be shown. Show winners will be announced at 2 p.m.

The now-famous Denton Redbud Romp, 5K Fun Run/Walk starts at 8:30 a.m. at the Denton Civic Center. Register early and save two dollars by calling (817) 566-8537 or register before the race beginning at 7:30 a.m. Awards will be given in three places in 12 age categories, Redbud Romp

T-shirts go to all entrants.

Area youths will have their art on public display in the East Gallery of the Visual Arts Building on the TWU campus from 9 a.m. to 5 p.m. March 4-14. The theme will be nature and the environment. A special Saturday showing will be held on March 9 beginning at 9 a.m. with a Youth Artists' Reception from 2 p.m. until 3:30 p.m.

Enjoy the blooming of the redbud and help celebrate the arrival of the spring gardening season. When the redbud blooms, the "Redbud Capital of Texas" is definitely the place to be.

For more information on Denton Redbud Days, contact Keep Denton Beautiful at 817-566-8537.

■ JOHN COOPER is a horticulturist with the Denton branch of the Texas Agricultural Extension Agency.

Emerald Ash Borer is Knocking on our Door (Is it Time to Kiss Your Ash Goodbye?)

BY MICHELE RAWLEIGH

"There has never been a more serious invasive foreign forestry arthropod than Emerald ash borer."



Dr. Michael Merchant, Urban Entomologist with Texas A&M, closed his presentation with this statement at a recent urban forestry conference attended by a couple hundred foresters, arborists, and other interested parties from around the DFW Metroplex.

The confirmed presence of the highly destructive Emerald ash borer (EAB) in Fort Worth in November 2018 has generated a flurry of activity as local and state agencies hope to slow the inevitable advance of the invader to other parts of the metroplex. Emergency regulations creating a quarantine on the movement of some wood products out of Tarrant County went into effect January 17, 2019. One estimate has Texans spending \$19 billion over the next 20 years as a result of the Emerald ash borer.

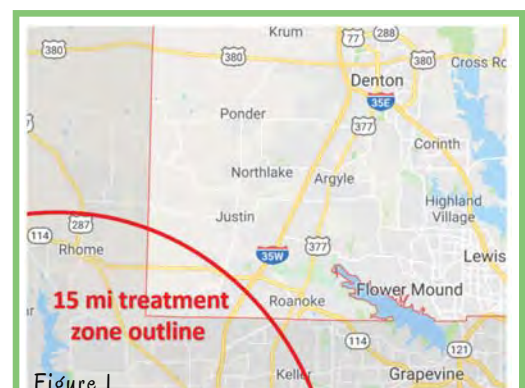
Getting to Here from There

"Although this beetle spreads naturally by flying short distances, long-distance spread is caused by people moving EAB-infested ash firewood, nursery stock, and timber."

The Emerald ash borer (EAB), a native of Asia, was first recorded in Michigan and Ontario in 2002. It spread quickly throughout the Upper Midwest, and is now found in 35 states and Canada, having killed hundreds of millions of ash trees in its path. The first documented sighting in Texas was in 2016 in Harrison County in northeast Texas. The beetle has been recorded in three adjacent counties since then.

Late in 2018, a fuzzy photograph of a green beetle taken near Eagle Mountain Lake in 2017 was positively identified as the Emerald ash borer. Subsequent field work in the area confirmed dead and dying ash trees infested with EAB. Based on the extent of the infestation and the beetle's life cycle, experts believe that EAB has been present there for several years.

This means the beetle is knocking on our Denton County door. Courtney Blevins, Regional Forester with the Texas A&M Forest Service, has been monitoring traps in Denton County for the past two years with no captures yet. He will place 15 traps in the county this year, two of which will be in the southwestern portion of the county closest to the epicenter of the infestation near Eagle Mountain Lake (Fig 1).



The 15-Mile Treatment Zone
extends into southwestern Denton County.
(Map derived from Texas A & M Forest Service data.)

Emerald Ash Borer (Cont.)

Know Thy Enemy



Figure 2

Color, Size, and Shape of the adult Emerald ash borer beetle are unique in North Central Texas.

Now that EAB is confirmed to be present here in the metroplex, it's time to become familiar with the appearance of the insect and the characteristics of the damage that could signal an infestation.

An adult Emerald ash borer beetle is about 0.5 inches long with a shiny green body and wings that form a V when folded over its back (Fig 2). The female lays its tiny eggs in the cracks and crevices of the bark of an ash tree after feeding on its leaves.

The tunnels created by the larvae (Fig 3), also called larval galleries, are found just under the bark. They are characteristically serpentine, weaving back and forth across the tree (Fig 4). The D-shaped exit hole created by the emerging adult in spring is also characteristic of EAB and other flat-headed borers (Fig 5).



Figure 3

The EAB Larvae have flat heads, bell-shaped segmented bodies, no legs, and two pincer-like appendages at the posterior end.



Figure 4

The Larvae Chew serpentine tunnels that interrupt the flow of water and nutrients, killing the tree in a few years.



Figure 5

The D-shaped exit hole (at bottom) is characteristic of EAB.

Is Your Ash in Trouble?

It is important to know that ash trees can be infested with EAB without any outward symptoms at first. By the time symptoms appear, the tree may be severely impacted such that it cannot (and should not) be saved.

Symptoms of an infested ash tree may include any or all of the following:

- Dead branches and thinning of the crown
- Leafy shoots (epicormic) sprouting directly from the trunk
- Splitting or missing bark that exposes the larval galleries
- Extensive woodpecker activity, such as flecked bark or drilled holes
- D-shaped exit holes (although those may be higher in the canopy and out of sight)

Emerald Ash Borer (Cont.)

How can I Protect my Ash?

There are several preventative treatment options for ash trees within the 15-mile recommended treatment zone. They consist primarily of insecticide injections into individual ash trees or into the surrounding soil to be absorbed by the tree. However, the treatments need to be repeated frequently, annually to every two or three years, depending on the method. Removing undesirable or unhealthy ash tree specimens is one way to slow EAB's advance. It is generally more cost effective, though, to treat healthy, mature ash trees than to remove and replace them.

Other activities that will help prevent or slow the spread of EAB:

- Consider working on treatment plans as a neighborhood to prevent EAB from gaining a foothold
- If installing a new tree in your landscape, select a native tree other than ash to increase the diversification of our tree population
- Do not transport firewood, lumber, ash nursery stock, or other regulated wood products out of quarantine areas
- If you see a shiny green beetle that you think you might be an Emerald ash borer, report it to the *EAB Hotline* at 866-322-4512

Additional EAB Information

Texas A&M Forest Service: www.tfsweb.tamu.edu/eab/

Emerald Ash Borer Information Network: www.emeraldashborer.info

Report Sightings of Suspect Beetles to the *EAB Hotline*: 866-322-4512

References

"EAB Emergency Rules," *Texas Department of Agriculture*

<http://www.texasagriculture.gov/Portals/0/images/ACP/EmeraldAshBorer/EAB%20Emergency%20Rule%202-1-19.pdf>

"Statewide Summary of Potential Impacts of Emerald Ash Borer," *Texas A&M Forest Service*

https://tfsweb.tamu.edu/uploadedFiles/TFMain/Manage_Forest_and_Land/Forest_Health/Invasive_Species/EAB%20State%20Summary%20of%20potential%20EAB%20impacts.pdf

"Emerald Ash Borer," *USDA Forest Service*

https://www.nrs.fs.fed.us/disturbance/invasive_species/eab/control_management/biological_control/

Emerald Ash Borer Information Network

<http://www.emeraldashborer.info/about-eab.php>

Photograph Credit - "Community Forest Planning Guide: Emerald Ash Borer," *Texas A&M Forest Service*

[https://tfsweb.tamu.edu/uploadedFiles/TFMain/Urban_and_Community_Forestry/About_Urban_and_Community_Forestry\(11\)/TX_CFP_Guide_EAB.pdf](https://tfsweb.tamu.edu/uploadedFiles/TFMain/Urban_and_Community_Forestry/About_Urban_and_Community_Forestry(11)/TX_CFP_Guide_EAB.pdf)

DCMGA Receive Multiple Best Wishes

Denton County Master Gardeners were pleased to receive a proclamation of thanks and congratulations on thirty years of service from the Denton City Council. Pictured are Carol Brantley, Marilyn Crouse, Joanne Spurgin, Steve Spurgin, Mayor Chris Watts, Tammie Gurley, Kaye Gross, Debby Ishee, Steve Simpson, Rhonda Love, Ray Roberts, Lisa Lebsack, Diane Sloan, Don Edwards, Pat Edwards, and Lisa McAllen.



Photo Courtesy of Denton City Council

DCMGA was recognized on the occasion of our 30th anniversary by the Flower Mound Mayor, Steve Dixon, and Council on March 4. Pictured are Bob Bender, Raeline Nobles, Rick Armontrout, KC Walsh, Chris Weinberg, Carol Noble, Trish Rowen, Damon Simmons, Linda Javor, Liz Moyer, Ginger Ewing, Kathryn Wells, Pat Moyer, Mayor Steve Dixon, Beverly Duncan, Sue Murray, and Al Kirchhoff.



Photo Courtesy of Flower Mound City Council



Photo Courtesy of Oak Point

DCMGA Education Director Kim Wootton receives proclamation from Mayor Keith Palmer.



Photo Courtesy of Highland Village Council

DCMGA members Terika Grogan, Diane Almand, Janet Gershenfeld (holding the Proclamation), Mary Morris, Candy Bennett, Barbara Brown, Amy Prindle, Judy Brough, and Jill Peak receive recognition by the City of Highland Village from Mayor Charlotte Wilcox.

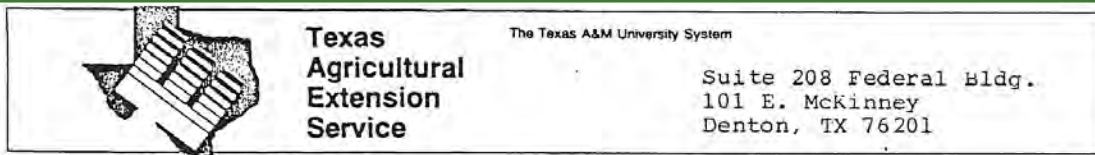


Photo Courtesy of Lewisville City Council

Councilman Brett Daniels presents proclamation to Lewisville DCMGAers Ana Hunt, Dana Bays, Michele Rawleigh, Russell Tyson, and Mike Crawford.

How the Master Gardener Program Started

County Agent John Cooper sent this letter to all garden clubs and other organizations he could think of whose members might be interested in a Master Gardener Program for Denton County.



**Texas
Agricultural
Extension
Service**

The Texas A&M University System

Suite 208 Federal Bldg.
101 E. McKinney
Denton, TX 76201

December 8, 1988

ANNOUNCING A MASTER GARDENER PROGRAM FOR DENTON COUNTY

HAVE YOU ALWAYS WANTED TO LEARN MORE ABOUT EXTENSION
HORTICULTURAL RECOMMENDATIONS AND SHARE YOUR KNOWLEDGE WITH
OTHERS?

IF SO, YOU ARE A CANDIDATE FOR MASTER GARDENER TRAINING.

The simple matter, folks, is I can't do all I want the Texas
Agricultural Extension Service to do for Denton County by myself.
I need help. Help answering the phone; help making program
contacts; help developing educational materials, help promoting
educational events; help with photography, demonstrations, site
visits, clinics, workshops, community gardening, landscaping
projects, etc.

If you can sit and listen to me for two and one-half hours
twice a week for seven weeks, I will teach you all I can about
the business. Then, equipped to defend the right and promote the
good, you would be requested kindly to return the 35 hours you
have received in training in a manner which will both take best
advantage of your natural and acquired skills and best meet
demands on the Extension office and the public need for
horticultural information and assistance.

Enclosed is an application for becoming a candidate for
receiving Master Gardener training. All of the training will
be held from 9:30 A.M. until noon on certain Monday, Tuesday and
Wednesday mornings beginning January 23 and ending March 8.
If these are times during which you could commit time for
training and, subsequently, commit time for serving during
normal office hours (Monday through Friday, 8 A.M. until 5 P.M.),
you would likely qualify for the Master Gardening Program.

I have need of and can only effectively utilize
approximately 12 Master Gardeners at this time. Therefore, I may
not be able to accommodate all of the requests for participation
in the program. In the event you are not scheduled now for the
spring of 1989, you will not be forgotten but, instead, will be
called up for later training and service providing, of course,
you still want to.

Looking forward to receiving your application, I am

Very truly yours,

John N. Cooper
County Extension Agent-Hort.

JNC:ht
enc.

Educational programs conducted by the Texas Agricultural Extension Service serve people of all ages regardless of socioeconomic level, race, color, sex, religion, handicap or national origin

2019 DCMGA Garden Tour Preview

Through self-guided tours of each garden, learn how the garden owner has addressed issues that most gardeners deal with in the development of their own spaces.

Master Gardeners will be on-site at every location to answer your questions!

This year's annual Garden Tour (Saturday, May 11th from 9 am to 4 pm) features five unique private home gardens north of Lewisville Lake. Advanced-purchase tickets are \$10, available from Master Gardeners, on the DCMGA website, and at select locations (Calloway's in Denton, Lewisville, and Flower Mound, as well as Four Seasons and Meador's). Admission on Tour Day is \$15 at the gate. Admission to a single garden is \$5.

Here's a sneak peek at our lineup.



Cindy's Idyllic Acre



Take What Nature Gives You



A beautiful array of oak trees were a challenge to this two-acre property. The shady areas of this natural landscape were changed to sunny when a few trees were removed. Visitors can now view these created areas that showcase vegetables, herbs, fruit trees, turf grass for play, and garden beds. The gardens here are filled with native and adaptive plants that attract pollinators and control erosion on the sandy sloped lot. Walk through this beautiful area oasis and experience nature and delightful gardens.



Cindy's Idyllic Acre is the product of a hard-working husband and wife team. This incredible homestead offers a cornucopia of vegetable and flower gardens, a wonderful chicken coop, beehive, Tom the Turkey, and a pond full of frogs. Along the pond, take the pathway to discover fish, frogs, shade plants, and a cool comfy spot to rest. What could be more enchanting?

2019 DCMGA Garden Tour Preview (Cont.)

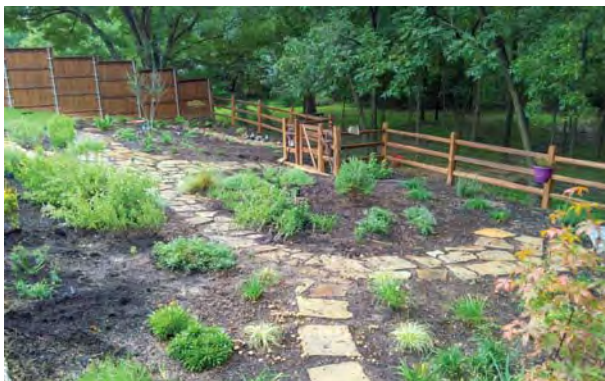
Sanctuary on Red Bluff Drive



Explore nature in this peaceful, engaging garden. Listen to the trickling of water from the water feature as you explore the defined trails of this beautiful garden. Watch the bees, butterflies, and birds as they discover and feed on the native plants. Breathe deeply and enjoy this garden sanctuary that shows nature at its finest.

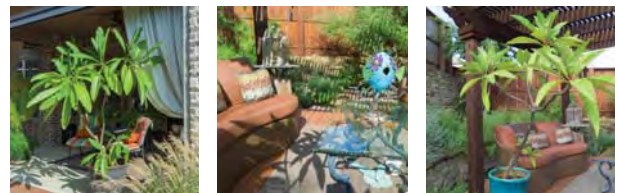


Hill Country Homestead



A River Runs Through It

This patio garden shows many of the challenges of north central Texas gardening: poor drainage and long periods of both shade and scorching heat in the same beds. See how these obstacles have been overcome in this lovely garden. This now flourishing garden fills the smaller yard and features a newly-installed riverbed. Pollinators are welcomed visitors in the area of featured pollinator plants. Take time to view the culinary herbs and the lovely seating area for entertaining.



A lawn-to-garden transformation greets you as you visit this homestead garden planted with sun and shade perennials. Note the city-commissioned inferno strip garden as it showcases alternatives to turf. Travel through the three distinct gardens that make up the backyard—they display a wide variety of plants ranging from Japanese Maples to sun-loving Texas Natives. Be sure to visit the special rose grown from a cutting from a 100-year rose from San Saba.

Five Fathers of Texas Horticulture

BY SHIRLEY MANFREDI

Thomas Affleck

Affleck was one of the founders of the Texas nursery industry. Born in Scotland in 1812, Affleck at age 20 came to the Pacific Coast of the United States, where he was proprietor of the Southern Nurseries in Washington and later in Mississippi. His catalogs featured fruit trees and ornamentals, including roses. The threat of the Civil War took Affleck to the 3,000 acre Glenblythe Plantation near Brenham, Texas. There he maintained his nursery while also helping the Confederacy's war effort. He produced ambulance wagons, and lent part of his property for troop training. Affleck kept detailed records of cotton and sugar growing in the area. He also published an agricultural almanac and promoted crop diversification, natural hedging, beekeeping, and plantation self-sufficiency. Affleck's later accomplishments included the landscape designs for the State Capitol buildings in Texas and Louisiana.

Segment one of five. Originally published in the May 2000 Roto-Teller (DCMGA newsletter).

Remembering Our Roots 30th Anniversary

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



DENTON COUNTY MASTER GARDENER ASSOCIATION

Congratulations!

SCHOLARSHIP RECIPIENTS

Danielle Price
Tom Harpool Scholarship Winner
\$1000
Food & Nutritional Science Major
Oklahoma State University

Lauren Hicks
\$500
Veterinary Science Major
Texas A&M University

Meet Your AgriLife Staff Courtney Davis *Family and Community Health Agent*

Courtney Davis is the County Extension Agent for Family and Community Health in Denton County. She was raised just outside of Denton, and graduated from Ryan High School. Courtney attended Texas A&M University in College Station, and received her Bachelor of Science in Health, with an emphasis in Nutrition. Courtney then worked for Region 10 Educational Service Center as a Health Specialist with the Head Start program, overseeing the health needs of preschoolers from five different campuses in two counties. During her time with Head Start, she volunteered with the Dallas County Extension Office, and became passionate about Extension work.

Motivated for change, she was hired as the County Extension Agent for Family and Consumer Sciences in Bowie County, Texas, and served the Texarkana area for nearly 10 years. During her time in Bowie County, she

received her Master of Science in Adult Education, met her husband, Brad, and had two girls, Campbell and Claire. Courtney was finally able to return to Denton County in November, 2015, and is happy to be home.

In her current and previous roles, Davis educates the citizens of her county in the areas of health, nutrition, wellness, food safety, and resource management. She maintains her Certified Professional Food Manager Certification, and serves as an educator for this national certificate. Davis has also created and implemented several health and worksite wellness programs that are now being implemented throughout the state. Courtney is passionate about her job as an Extension Educator and about teaching people to make simple lifestyle changes which amount to big impacts.



Photo Courtesy of Courtney Davis

Courtney Davis

Did You Know?

DCMGA 30th Anniversary Fun Facts

DCMGA has a twenty year history of supporting the establishment and growth of the Denton County tree canopy:

- 1999 to Present - DCMGA has been assisting the Denton County Soil & Water Conservation District (SWD) with sorting and distribution of tree seedlings annually.
- 1997 to present - DCMGA has been assisting Denton ISD with sorting and delivering redbud trees to 3rd graders for Arbor Day.
- Present - DCMGA and Denton County SWD, in a cooperative endeavor called Cool Shade for Third Grade, provide Lewisville ISD third graders with saplings.



Advanced Training *DCMGA Public Presentations*

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

April 22, 10:00 a.m. – 11:00 a.m.; Herbal Branch meeting – Carol Brantley will present a program called **The Poison Garden**. Location: Extension Office Room 115, 401 W. Hickory St., Denton.

April 25, 6:00 – 8:00 p.m.; **Hummingbird Gardening** – Join KLB and Denton County Master Gardeners Barbara Beane and Beverly Duncan to discover ways to attract and provide urban habitat for hummingbirds. Texas is fortunate to be in the migratory path of more than a dozen hummingbird species that arrive in our area from mid-March through early May.
Location: MCL Grand 100 N. Charles Street Lewisville, Texas 75057.





BY BARBARA RIDGE

Q: My rain barrel used to be a beautiful and functional part of my back yard. Now it's an eyesore, and I question the quality of the water in it. How can I rehabilitate my "old friend" so it's ready for watering my spring container garden? Also, do you have any design ideas to inspire me as I refresh its exterior?

A: Just like any tool in our garden shed, rain barrels need their own regular maintenance. Contaminants like roof debris, algae, and mosquito larvae can create problems, but there are ways to refresh our barrels, inside and out. If the water is clear, even if you haven't used it all winter, it is ok to use.

Drain the barrel, using the water where you can in your yard. Once empty, clean its exterior and then lightly sand and paint it black to prevent algae growth. Replace the mesh screening, if necessary, to keep mosquitoes out. Repaint with a color complementary to your home and stencil pretty designs or garden motifs. You can even use wood slats to surround the sides and top of your barrel.

Clemson University's document, "Rainwater Harvesting for Homeowners" details steps to clean and refurbish an older rain barrel. Refer to pages 16, 19, and 20 for that information. Skip over other portions of the document that pertain to South Carolina.

<https://www.clemson.edu/extension/carolinaclear/files/RWHmanual.pdf>

In the video below, Daniel Cunningham, Horticulturalist and Project Coordinator at Texas A&M Agrilife's Water University in Dallas, describes creative ways to improve the curb appeal of your barrel.

<https://youtu.be/jxZ3HY7ANNA>

It shouldn't take much effort to restore your "old friend" to its former self, and you'll again enjoy its beauty while tending your garden.



If you have questions about rain barrels 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.

2019 Area Plant Sales

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

April 13-14, 10-2	Fair Park, Dallas	Texas Discovery Gardens	www.txdbg.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.ccmgatx.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.txdbg.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.ccmgatx.org
October	Austin	LadyBird Johnson Wildflower Center	www.wildflower.org/plant-sales

**Wide Assortment, including
many member-grown plants
and roses**



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**

COPYRIGHT © 2019 DENTON COUNTY MASTER GARDENER ASSOCIATION

"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."

TEXAS A&M
AGRI LIFE
EXTENSION
01/12/19

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.



TEXAS A&M
AGRI LIFE
EXTENSION

"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"

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

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



2019 CHILDREN'S GARDEN AT FAIROAKS

An Opportunity for Families to Learn Gardening Together

The children's garden invites parents & their children to learn about gardening through planting, maintaining, & harvesting vegetables & herbs. Our children's garden is unique since we share the garden with Fair Oaks, a senior independent living community. We will be planting in the vegetable garden at the back of Fair Oaks with the residents--a wonderful opportunity for children and seniors to experience a growing garden together.

WHERE

Fairoaks
1950 Lattimore St., Denton

WHEN

Thursday mornings from 10:00-11:00 starting March 21st until the Veggie Show on Saturday, June 15th

WHO

Dana Bays
Bill White

DATE

ACTIVITY

DEMO/TOPIC

Thursday, March 21	Planting	The weather determines what we are able to plant each week, but our planting includes radishes, carrots, potatoes, spinach, lettuce, chard, squash, peas, beans, tomatoes, peppers, cucumbers, onions, herbs, watermelon, and cantaloupe. We will also be harvesting throughout the season.	How to Plant 
Thursday, March 28	Planting		Tops and Bottoms
Thursday, April 4	Planting		Lady Bug Life 
Thursday, April 11	Planting		How to Compost
Thursday, April 18	Planting with the Residents		How to Grow Microgreens
Thursday, April 25	Planting		How to Grow in a Greenhouse
Thursday, May 2	Check on the Residents' Plants		
Thursday, May 9	Planting		Butterflies in the Garden 
Thursday, May 16	Vermicomposting		How to Compost with Worms 
Thursday, May 23	Trees		How to Maintain Trees 
Thursday, May 30	Planting		Suck-a-Bug 
Thursday, June 6	Field Trip to Shiloh Gardens (Weather Permitting)		
Thursday, June 13	Harvesting		
Saturday, June 15	Final harvest for Veggie, Flower, Herb, Fruit Show 9 am - 12 pm Denton County Historical Park, West Mulberry Street, Denton. See website for additional information: www.dcmga.com		

PLEASE PARK ON LATTIMORE STREET. IN THE EVENT OF RAIN, THE CHILDREN'S GARDEN WILL NOT MEET.

For additional information, visit us on facebook: DENTON COUNTY MASTER GARDENER ASSOCIATION or online: www.dcmga.com



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



The Denton County Master Gardener Association invites you to the 2019

Denton County Vegetable, Flower, Herb & Fruit Show!

brought to you by



Saturday, June 15, 2019 9am to 12pm



Entries accepted between 9 & 10am.
Judging begins at 10am. Winners announced at 12pm. Entries open to all Denton County Residents. Categories for Adults & Children. Cash Awards!

Denton County Historical Park & Community Market
317 W. Mulberry Street (at corner of Carroll Street)
Denton, Texas 76201
Visit www.dcmga.com for full details & rules

 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

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



TEXAS A&M
AGRI LIFE
EXTENSION



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

Texas A&M AgriLife Extension
Joseph A. Carroll Building
401 W. Hickory Street
Suite 112
Denton TX 76201-9026

Office: 940.349.2883

Help Desk:

940.349.2892

master.gardener@dentoncounty.com

Webmaster:

dcmga.webmaster@gmail.com

Communications:

dcmga.communications@gmail.com

Website:

<https://dcmga.com>

Content

Submission deadline for the May edition of *The Root* is Monday, April 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.

<https://dcmga.com>