

Denton County Master Gardener Association

THE ROOT

Grow With Us



Buds From The Board

BY KATHRYN WELLS, PRESIDENT

Happy June, friends! What a delight to see so many of you at our May 7th Garden Tour! After a two-year, pandemic-induced hiatus, it was a joy to be back in person doing what we love to do: meet, greet, educate, and engage the public that we serve – that's you!

With 1,539 total visits to our four featured properties, we had a full, rich day. Our visitors included friends from other Master Gardener Associations including Dallas County and Wichita Falls. And, at one of our properties, we had an undercover visit from Denton Record-Chronicle reporter Juan Betancourt; after his tour, he revealed his true identity, and I'm happy to report he had a great "guest" experience. Thank you, Juan, for the [very nice article!](#)

Many thanks to Garden Tour Co-Captains Lori Barr and Beverly Duncan and to our four homeowners who generously and graciously shared their private properties with us and with our community: Mary & Reagan Branstetter, Angie Lindsey, Shirley Manfredi, and Barbara Prins. There isn't enough room in this column to thank everyone who worked behind the scenes to make this tour one of our most successful ever. But, to everyone who helped in any

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WHAT'S GROWING ON

.....

- 01 Buds From The Board
- 03 Spotlight:
Argyle Unity Park
Beautification
- 05 Meet Lea Watson
- 08 Plant of the Month:
Salvia 'Henry Duelberg'
- 10 June Garden Tips
- 11 Fruit, Vegetable, Herb,
and Flower Show
Entrance Form
(JotForm Link)
- 11 June General Meeting
- 12 Feature:
Creating A Small Space
Garden
- 15 What's Growing in
Member's Gardens
- 16 2022 Plant Sale Recap
- 17 A Few of Our Favorite
Reads
- 18 DCMGA Resources &
Opportunities
- 19 Help Desk Q&A:
Controlling Broadleaf
Weeds
- 21 Flyers
- 25 DCMGA Contact Info,
Board of Directors,
Mission Statement,
Newsletter Submission
Info, Social Media

Buds From The Board (Cont.)

way, please know, that you – and your service – are much appreciated! And, to our guests, thank you for joining us!

Our next big event is our annual Fruit, Vegetable, Herb, and Flower Show on June 18th. Ribbons and cash prizes will be awarded to the top entries in both the Adult and Youth divisions. Project Manager Debby Ishee and her team are ready to receive your best backyard bounty; [online registration](#) makes it easy to submit your entries. Additional information including time and location is available on the [Upcoming Events](#) section of our [website](#).

And, you're also invited to our June 8th General Meeting and Program. We're delighted to welcome Holly's Gardens & Florist owner Joe Prevatil, who will present "Flower Arranging." This hybrid meeting offers the opportunity to attend in person (the most wonderful way to see and experience Joe's floral finesse!) or in cyberspace via Zoom. Additional information, including our in-person location, is available on the [Upcoming Events](#) section of our [website](#). As always, our General Meetings and Programs are free and open to the public. [Advance registration](#) is required for virtual participants.

Denton County Master Gardeners/Interns and Denton County residents—you're the bloomin' best! I look forward to seeing you at one (or more!) of our activities this month. May your June be filled to overflowing with all of your very favorites.



<https://dcmga.com>

Argyle Unity Park Beautification *It's All About Community!*

BY JUDY ALLEN

After spending a career in and retiring from the Texas State National Guard, Technology Spc., what do you do next? Well, John & Beverly Ankeny moved to Argyle in 2014 from their home in Keller and signed on with Dycorp, Recruiter for civilian support personnel. By 2018, John was really ready to retire, but not slow down, so he dove into DCMGA as an Intern.

Argyle: "It's All About Community." Argyle's Unity Park sits between Argyle Intermediate School and Crawford Road and was dedicated in 2018 with a lot of community input. Owned by the Town of Argyle, the Argyle Youth Sports Association built, uses, and maintains the Baseball facilities. The Town keeps the parking lots & acres of grass. They even got a grant to place benches facing a natural creek bed and it's dense, nature-attracting overgrowth.

As John drove back and forth from the DCMGA Classes and work days, he watched Argyle Unity Park being completed. Sod, Sod, Sod ... That is all he saw! So he started attending Town Council meetings and finally asked if he could plant some "Landscape color and plants?" Thus, "Argyle Unity Park's Master Gardener" was born!

In 2019, DCMGA board of Directors approved John's Argyle Unity Park as an 'Official DCMGA' project. This first year saw completion of three flower beds close to the park's pavilion: hedge row, shade gardens, and butterfly garden.

2020 saw three additional flower beds at the front of the park. The Town Council, recognizing the blessings and positive responses from these improvements, greeted John with open arms and a bit of a budget! Yahoo!



Master Gardener Volunteers



Photos Courtesy DCMGA Member Russ Allen

It's All About Community

Argyle Unity Park Beautification (Cont.)

In 2021, John oversaw the addition of two larger flower beds and new stone work to frame them. Also in 2021, Argyle requested DCMGA's assistance in placing four large mature trees & some irrigation. The trees are now the backdrop highlighting the Crawford Rd fronting beds!

Already in 2022 John has called on DCMGA members & Interns to help prep this beautiful community park for the coming season. The Town Council and Town Manager allotting John (DCMGA) a budget for 2022, has ask him for his "Wish List" for the park! They are very grateful for and supportive of John Ankeny's and DCMGA's active part in Argyle's Community Life.



Meet Lea Watson

BY CHERYL HUCKABEE

Plantswoman, equestrian, and artisan, Lea Watson is a genuine triple threat. On top of that, she's funny, friendly, and generously shares her knowledge and skill.

Her love of gardening and horses began on her family's cattle ranch in Kansas. "My Dad had a vegetable garden. That's how I was introduced to gardening. Grandma taught me to bake. I wrote all her recipes down on recipe cards so we'd have them forever. My sister Paula wasn't interested in gardening or cooking. But, we rode horses together. Mom also helped 'cowboy.' My Mom, my sister, and I were the only 'hands' Dad had for several years," Lea said.



**Lea Watson
Class of 2018**

Lea loves to learn. She attended Panhandle State University on a rodeo scholarship, graduated from the University of Central Arkansas with an accounting degree, and nearly completed a second degree in horticulture at Oklahoma State University Institute of Technology.

When her Dad asked what she wanted for her graduation gift, she said, "I want to learn to take better photos of horses." So, she took an intensive equine photography course from Darol Dickinson in Colorado. Lea parlayed what she learned into becoming a highly respected equine photographer taking photos for stallion advertisements, the Women's Rodeo Cowgirl's



Photos Courtesy DCMGA Member Lea Watson



Lea's rodeo skills are broad: barrel racing, break-away roping, pole-bending, goat tying, and team roping.

Meet Lea Watson (Cont.)

Association National Finals, and other rodeo venues. She's also taken courses in portrait, wedding, and baby photography. We're fortunate to have Lea take many awesome photos for DCMGA.

Lea discovered an additional talent while learning landscape design – she can draw! "I can paint anything with fur on it," Lea said. She works mainly in watercolor and uses her photos as the basis for her drawings. I enjoyed seeing several of her beautiful paintings at her home in Cooke County.

In 1980, Lea captured the National All-Around Champion Cowgirl title. Her rodeo skills are broad: barrel racing, break-away roping, pole-bending, goat tying, and team roping. Horse training and competition often paid the bills. Although she doesn't own horses now, she stays connected with the horse community through her husband, Dennis, a farrier and trainer. She met Dennis when he helped her sell a couple of horses in Lufkin, Texas. Not long after they started dating, Lea moved from Oklahoma to Argyle, Texas, where Dennis lived.

Experimentation is an integral part of Lea's gardening practices. In 2016, she learned about hay bale gardening while surfing the internet and decided to try it. Denton County Master Gardener Barbara Prins learned about Lea's hay bale gardens and made a trip to see them for herself. Barbara's reaction to Lea's amazing garden was, "Why aren't you a Master Gardener?!"



**Tomato growing in a
hay bale**



**Hay bale garden
growing basil**



**Lea and Dennis
Watson**

Meet Lea Watson (Cont.)

Lea became a certified Denton County Master Gardener with the class of 2018. Her volunteer service includes Garden Tour, Plant Sale, hay bale gardening training for her intern class, and more. Lea is interested in plant propagation and plans to enroll in the Master Naturalist certification course in the fall.

Lea and her husband recently moved to a 15-acre property in Cooke County. They remodeled their home and are having a great time rehabbing the landscape. Lea considers the members of DCMGA her new circle of friends. We'd like to keep it that way; Grayson County Master Gardeners, stand down!



Lea is having a great time rehabbing the landscape of her new home.



Plant of the Month - Salvia 'Henry Duelberg'

BY AUBREY NOORIAN

Common names: 'Henry Duelberg' salvia, Duelberg sage, Mealy sage, Mealy Cup Sage, Blue Sage

Botanical names: *Salvia farinacea*

General information:

Texas Superstar plant. A native Texas plant, *Salvia farinacea* belongs to the family *Lamiaceae* (*Labiatae*).

Characteristics

Size: 3 feet wide and 3 feet in height at maturity

Growth Rate: Moderate

Flowers: Medium-dark royal purple-blue to Medium-dark blue spike flowers on tall stems; less flowering during height of summer.

Bloom time: Spring through Fall

Leaves: Serrated grey-green, medium-sized deciduous leaves

Soil: Clay, Loam, Dry

Water: Low, once established



'Henry Deulberg' Salvia

Pests and Disease Problems:

Deer and goat resistant, virtually disease and pest free. Fungal problems may arise when soil remains wet over extended periods of time.

Growing in North Texas

The 'Henry Duelberg Salvia' is a variety of the mealy cup or blue sage and is a perennial native plant of South and Central Texas, hardy up through Zone 7. It's a Texas Superstar® known for its low maintenance and heat, drought, and humidity tolerance. A growing favorite of Texas native plant gardens, plant this gem in groups of three or more and in the rear of flower beds due to its three foot height and width.

'Henry Duelberg' Salvia can be an addition to xeriscapes, pollinator gardens, or patio containers. The blooms attract beneficial pollinators such as bees, butterflies, and hummingbirds. Perennial that prefers well drained soil, full sun (4-6+ hours per day) and is drought tolerant once established. Water regularly until established, then once a week through the height of summer if weekly rainfall is less than one inch.

'Henry Duelberg' Salvia (Cont.)

The plant is low maintenance, although deadheading spent blooms will help produce more flowers. This salvia will stretch toward the light if planted in too much shade and can become spindly. If cut back six inches to one foot in mid-summer, it grows thicker and will flower more profusely in fall.

A general fertilizer in spring and summer will produce more flowers, but this activity is not at all required if soil has good fertility. Maintain two inches of mulch to retain moisture and protect the roots. Cut to ground after first frost and mulch over for winter.

The plant will reseed itself after established and seedlings are easily transplanted to other areas in the garden. This plant can also be propagated by stem cuttings and mature plants can be divided in the spring by removing parts of the root ball sections and transplanted as soon as possible into moist soil.

Notes:

The Henry Duelberg Salvia was discovered by Texas horticulturist Greg Grant in a Central Texas cemetery on the gravesite of Henry Duelberg. Mr. Grant also discovered and named the white-flowered Augusta Duelberg salvia he found nearby on Augusta Duelberg's gravesite. These two salvias make a pretty pairing when grown next to or mixed together.

Companion Plants:

Gregg's Mistflower, Zexmenia, Flame Acanthus, Autumn Sage, Purple Coneflower

Warnings: None



Henry Duelberg Salvia (back right) planted with Texas Rock Rose (back left), Gregg's Mistflower (front left) and Zexmenia (front right).

'Henry Duelberg' Salvia (Cont.)

Resources

Texas A&M AgriLife Extension

East Texas Gardening (May 2013).

<https://agrillife.org/etg/2013/05/16/salvias-for-texas-tough-summer-color/>

Denton County Master Gardener Association (DCMGA)

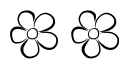
"Salvia 'Hendry Duelberg'"

<https://dcmga.com/north-texas-gardening/perennials/master-gardener-favorites/salvia-henry-duelberg/>

Texas Superstar®

"'Henry Duelberg' Salvia"

<https://www.texassuperstar.com/plants/salvia/index.html>



Denton County Master Gardener YouTube Channel

Click on "Videos" and check out our new presentations!

And don't forget to subscribe!

<http://www.youtube.com/c/DentonCountyMasterGardener>

Got a yummy fruit, prized vegetable, specialty herb, or flawless flower in your garden?



Enter your cherished homegrown edible or flower in our

Fruit, Vegetable, Herb, and Flower Show




June 18, 9am-Noon,
at the
Denton County Historical Park!

Click this link to submit your entry:
<https://form.jotform.com/220945865133156>




Join Denton County MGA for our
hybrid (in person and virtual)
June General Meeting & Program.

We're pleased to welcome
Holly's Gardens & Florist Owner
Joe Prevratil, who will present
"Flower Arranging."

Advance registration is required
only for virtual participants live-
streaming via Zoom.

In-person participants will meet in
the Solomon's Porch building at
Global Spheres Center (7801 S
Interstate 35, Corinth, TX).

As always, our General Meeting programs are
open to the public and free of charge.

TEXAS
MASTER GARDENER
ASSOCIATION

DENTON COUNTY
MASTER GARDENER ASSOCIATION

JUNE 2022

In Person / Hybrid
**GENERAL MEETING
& PROGRAM**

"Flower Arranging"
PRESENTED BY JOE PREVRATIL

WEDNESDAY, JUNE 8TH, 2022
10:00 AM - 12 NOON
GLOBAL SPHERES CENTER
7801 S INTERSTATE 35, CORINTH, TX 76208

Texas A&M Agriculture Extension System is an equal opportunity employer and program provider. The Texas A&M University System, U.S. Department of Agriculture, and the County Commissioners' Court of Texas cooperating. Persons with disabilities needing accommodations for effective participation in this meeting should contact Denton Agriculture Extension Office at least a week in advance to request mobility, visual, hearing, or other assistance.

Creating a Small Space Garden

BY BARBARA BROWN

Not everyone has the space or the time to maintain a large gardening area for flowers, vegetables, or herbs. For those folks, creating a small space garden can still give you seasonal beauty, some edibles and culinary enhancements. It just takes a bit of planning, a few materials, and appropriate plant selection.



A Small Space Herb Garden

What can you grow in a small space?

There are many, many choices for seeds and transplants that grow successfully in small spaces. Do you want flowers, vegetables, herbs, or a combination? Salad greens like lettuce and spinach require little space for a plentiful cool-weather harvest. Many culinary herbs including basil, parsley, thyme, sage, and Texas tarragon do not require a lot of growing room and are harvested frequently, which helps control any spread. Fortunately, there are also varieties of most vegetables for small space growing. Look for descriptions that include words like patio, compact, or dwarf in the name. Small flowering plants can be interspersed with vegetable and herb plants to add color and scent without taking up much space. And consider adding a vertical element to support flowering vines or climbing vegetables like pole beans and cucumbers.

Planning

First, identify the area where the plants will grow. It could be a small area in the yard, a patio, or even an apartment balcony. Next, observe the sunlight that will be available to the plants. What times of day will the area get sunlight and for how long? You will later be matching the plants you select to their sunlight requirements. Although not absolutely essential, it is desirable to select an area that has easy access to water. Carrying a heavy bucket of water out to the plants is a bit of a trial with summer temperatures.

Creating a Small Space Garden (Cont.)

Many happy hours during cold weather may be spent looking through seed catalogs and gardening magazines for the perfect plant. Sadly, many of the plants that look great in the catalog do not do well under Texas's growing conditions. So, as you narrow down your choices, consider the space requirements for each type of plant and select only those varieties proven to grow successfully in North Central Texas. The plant selector guides listed in *Resources* can guide you to good varietal choices.

The first step

Next, decide if you want to grow plants in native soil, a constructed raised bed, or in a container. There are pros and cons to each option:

- Using native soil and making it ready usually has the lowest initial cost. But there is a fair amount of physical labor required to turn our heavy clay dirt into gardening soil. You need to clear the area of grass and weeds and get a soil test to find out what nutrients should be added to amend the soil. You can get a soil test through Texas A&M Soil Testing Lab, <https://soiltesting.tamu.edu/>. Home soil testing kits are available but are not as accurate or comprehensive as the results from a soil testing lab. Plan on adding a lot of organic material.
- Raised beds are highly recommended, especially for newbies. They can be built to whatever size space you have available. Materials can be purchased to construct a raised bed and there are also kits with all the components you need. You will still need to clean up the space beneath the raised bed. An easy way to kill the existing vegetation is to place a layer of overlapped cardboard before adding the raised bed and gardening soil.
- Container growing decreases the growing area but has the advantage that containers can be moved to protect plants in cold weather or to optimize sun time. There are so many lovely and practical containers to choose from, it may be difficult to decide. The two requirements for container growing are that the depth is sufficient to accommodate the plant's mature size and the container has a drain hole to keep water from collecting around the roots.



Salad Greens in a Container

Creating a Small Space Garden (Cont.)

Preparing gardening soil

Now that you have created your growing space you need a growing medium or soil. For a native soil small space garden, plan on adding a lot of organic material—about 30% by volume. The best organic material is compost, which is the decomposed product of something that was alive. Compost may be purchased by the bag or truckload. If you are preparing your garden soil several months before planting, you can use leaves, straw, grass clippings, and/or composted manure. It will take a few months for the fresh materials to decompose into the soil.

For raised beds or containers, purchase soil designed for gardening, not top soil. Measure your raised bed and then use a soil calculator to find out how much garden soil you need to add to get the desired 12 inches of growing medium. The soil calculator from Gardener's Supply (see *Resources*) gives you amounts based on bed dimensions or container size. For raised beds, the amount is calculated in cubic yards and cubic feet and for pots, the calculation is in quarts. Note that soil for containers has a slightly different composition than that for raised beds as it contains peat moss or some soil-less mixture of perlite or vermiculite to reduce soil compaction.

You are ready to grow

The right time to put plants into the ground or the container depends on the temperature tolerance of the variety. We all know that Texas weather can throw us some curve balls with a late cold snap after teasing us with temperatures in the 80s. Cool-weather leafy veggies, most perennial herbs, and early spring blooming flowers can take the challenge and keep growing. However, some veggies—especially those whose fruit we enjoy— need consistent warm weather. This includes tomatoes, peppers, eggplant, cucumbers, and annual herbs like basil. It is hard to wait, but your reward will come with patience. If you miss the spring planting season, take heart. In North Central Texas we enjoy a fall gardening season, too!



Container Growing Squash



Vertical Structure for Pole Beans

Creating a Small Space Garden (Cont.)

References

Texas A&M Extension Service

"Vegetable Variety Selector"

https://aggie-horticulture.tamu.edu/publications/veg_variety/

"Vegetable Gardening in Containers"

https://aggie-horticulture.tamu.edu/vegetable/files/2010/10/E-545_vegetable_gardening_containers.pdf

Earth-Kind® Plant Selector

<http://ekps.tamu.edu/>

Denton County Master Gardener Association (DCMGA)

"North Texas Gardening of Fruits, Vegetables and Herbs"

<https://dcmga.com/north-texas-gardening/fruits-vegetables-and-herbs/>

"Overcoming North Texas Gardening Challenges with Raised Beds"

<https://dcmga.com/the-dig-raised-beds/>

Virginia Cooperative Extension

"Intensive Gardening Methods"

https://www.pubs.ext.vt.edu/content/dam/pubs_ext_vt_edu/426/426-335/426-335.pdf

Gardener's Supply Company

"Soil Calculator - How Much Soil Do I need?"

<https://www.gardeners.com/how-to/soil-calculator/7558.html>



Spotted in Members' Gardens



Photo: DCMGA member Russ Allen
**Prime-Ark® Traveler
Primocane Blackberry**
Rubus



Photo: DCMGA member Lea Sage Watson
Hibiscus 'Hawaiian Sunset'
*Hibiscus rosa-sinensis
'Hawaiian Sunset'*



Photo: DCMGA member Linda Gonzales
Prickly Pear Cactus
Opuntia



Photo: DCMGA member Barbara Brown
**Antelope Horn
Milkweed**
Asclepias asperula

2022 Plant Sale Recap

BY PAT & DON EDWARDS

The wind had a persistent presence, but that did not deter the Denton County Master Gardeners from having their annual plant sale. It was our first public sale since the 2019 COVID shutdown. We were excited for the opportunity to engage with each other and with our community friends.

It turned out to be everything we had hoped for and more. More than 200 volunteers eagerly worked to prepare for the sale and were ready to share their knowledge and expertise with the public. There were over 2700 pass along plants grown by Master Gardeners and over 3200 plants from area nurseries.

The sale opened at 9am, but the first customer was in line at 7:45am! We closed at 2pm with customers still coming in. What a gratifying response to our return to a public sale. Revenue from the sale helps DCMGA offer community outreach services and programs.

Thank you to everyone who helped make the public plant sale a resounding success and to our community friends for affirming you missed us as much as we missed you! Watch for us again next spring.



2022 Plant Sale Recap (Cont.)



Native Host Plants for Texas Butterflies: A Field Guide by Jim Weber, Lynne M. Weber, Roland H. Wauer. Texas A&M University Press; First edition (August 1, 2018)

Native Texas Gardens: Maximum Beauty Minimum Upkeep by Sally Wasowski and Andy Wasowski. Taylor Trade Publishing (October 10, 2003).

Passalong Plants by Steve Bender and Felder Rushing. The University of North Carolina Press; First Printing edition (November 30, 2002)

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DCMGA Resources & Education Opportunities

For Master Gardeners and the Community We Serve

Science-based knowledge on a variety of topics.

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New!

Denton County AgriLife: Serving the Community & You

This presentation will provide a history of the Texas A&M AgriLife Extension Service and an overview of the Denton office. During this presentation, participants will have the opportunity to meet Denton County Agents who specialize in Horticulture, Agriculture & Natural Resources, Family and Community Health, and 4-H and Youth Development and volunteers from Texas Master Naturalists and Texas Master Gardeners programs.

June 28, 2022, 2:45-4:15 pm. – Robson Ranch Clubhouse Ballroom, 9400 Ed Robson Blvd, Denton

June 29, 2022, 2:30-4:00 pm. – Flower Mound Senior Center Shirley Voirin Ballroom, 2701 W Windsor Dr, Flower Mound.

Email olli@unt.edu listing the title and date of the class, or call 940-369-7293 to learn more about enrolling.

Children's Garden

The children's garden invites parents & their children to learn about gardening through planting, maintaining, & harvesting vegetables & herbs.

June 2, 2022 – "Suck-A-Bug"

June 9, 2022 – "Field Trip to Shiloh Fields"

June 16, 2022 – "Harvest"

June 18 26, 2022 – "Fruit, Vegetable, Herb & Flower Show"

10-11 am for all dates.

Location: Fair Oaks Senior Housing, 1950 Lattimore St, Denton.

Denton County Master Gardener Association YouTube Playlists

Flower Arranging

Herbs & Vegetables

Organic Gardening

Other Gardening Topics

Permaculture

Seasonal Tasks & Tips

Waterwise Gardening

Wildlife Habitat Gardening

Houseplants

Landscaping

Pollinators

Roses

Shade Plants

Tree Care

Turf Care

<https://www.youtube.com/c/DentonCountyMasterGardener>

New!

DCMGA General Meeting Presentation

June 8, 2022. 10:00 am to Noon

Open To The Public

"Flower Arrangement" presented by Joe Prevratil of Holly's Gardens & Florist.

Location: Global Spheres Center, 7801 S Interstate 35, Corinth, TX

You may also join virtually via Zoom. Advance registration required for virtual attendance.

To Register:

<https://uso2web.zoom.us/meeting/register/tZludu6vrjwrHNZNzWy-wiBv6f3R-vovBH>

DCMGA Members

Plan Your Week emailed each Friday has the most current Online CE Opportunities.



BY HELP DESK TEAM

Q: I have clover in my lawn. How do I get rid of it?

A: Maybe there's a lucky four-leaf clover in your lawn! Sadly, probably not. So, let's talk about controlling broadleaf weeds in your lawn.

There are three types of weeds commonly found in turfgrass in North Texas:

- Broadleaf weeds - henbit, common chickweed, spotted spurge, dandelion, purslane, clover, and many more
- Grassy weeds - crabgrass, dallisgrass, annual bluegrass, rescuegrass
- Sedge - annual sedge, green kyllinga, purple nutsedge, yellow nutsedge

Aggie Horticulture has a terrific webpage with photos of the common weeds found in Texas turfgrass:

<https://aggieturf.tamu.edu/turfgrass-weeds/>.

Options for Managing Weeds in Lawns

The type of herbicide you use to manage weeds in your lawn depends on the time of year and the kind of weed you're trying to control.

- *Pre-emergence herbicides* are chemical weed control that prevents weed seedlings from becoming established. These must be applied at certain times of the year to treat the weed seeds before they germinate. Using a pre-emergence herbicide is an excellent method for preventing weeds.
- *Post-emergence herbicides* target visible weeds. This is what you'll want to use to treat the clover in your yard.
- *Non-selective herbicides* are chemical herbicides that kill any vegetation they contact. There are limited applications for using a non-selective herbicide to control, usually when you want to kill the weeds and the turf in an area and start over.

Post-Emergence Herbicides for Broadleaf Weed Management

Broadleaf herbicides that contain two or three of these active ingredients are most effective: 2,4-D, MCPP, MCPA, dicamba, mecoprop, quinclorac, or triclopyr. These ingredients are potent and poisonous. Always carefully read and follow the label instructions.



Liquid products are readily available in both ready-to-use and concentrate formulations. Granular products are often combined with fertilizer; use of these "weed and feed" products is not recommended. If you prefer to use a granular post-emergence herbicide,

check the ingredients list on the label to ensure it does not include fertilizer.

Apply broadleaf herbicides only when needed and when most effective. Here are some guidelines:

- The best time to apply is when weeds naturally transport nutrients to their roots in the fall. Getting the herbicide to the weeds' roots is key to killing them. Applications in the spring may require repeat applications.
- Spot spray only on weedier areas of the lawn. Choose a ready-to-use product to avoid mixing, and only buy enough product for one season's use. If you plan to use a concentrate mixed with water in a sprayer, dedicate it to the herbicide and clearly mark it.

Spray during the right conditions:

- Drift can damage vegetables, flowers, trees, and shrubs. Spray on a calm day when the wind is less than 5 mph. It's best to cover plants you don't want to kill to protect them from overspray.
- Apply the spray when the temperature is less than 90 degrees. In hotter conditions, the herbicide will evaporate or turn to vapor, and turf damage may occur.
- Water your lawn 2 - 3 days before applying the herbicide. Drought-stressed turf is more susceptible to damage from the herbicide.
- Do not mow immediately before or after spraying to ensure the spray makes good contact with the weeds' leaves.
- Treat when no rain is forecast for at least 24 hours.

Granular broadleaf weed herbicides should be applied when the weed foliage is wet,

either early in the morning when the dew is on the leaves or after irrigating the area. The granules must stick to the foliage to be effective.

Preventing Weeds

- Cut the lawn tall (3-4 inches). The blades shade the emerging weeds and prevent them from getting established.
- Use a mulching blade on your mower and leave the grass clippings on the lawn. They also smother the emerging weed seedlings and recycle nutrients into the soil.
- Maintaining a healthy lawn through proper irrigation and fertilization will crowd out broadleaf weeds.
- Apply a pre-emergence herbicide to your lawn. According to Neil Sperry, these are the timing guidelines for pre-emergence herbicide application:

<https://neilsperry.com/2013/01/what-is-the-right-time-for-preemergents/>

Learn more about managing weeds in your lawn at these links:

<https://hortnews.extension.iastate.edu/faq/what-proper-way-apply-broadleaf-herbicides-lawn>

<https://extension.umd.edu/resource/herbicide-options-managing-common-lawn-weeds-maryland>



If you have questions about any horticulture-related subjects, please contact our

Master Gardener Help Desk

at 940.349.2892

or master.gardener@dentoncounty.gov.

It's free of charge, and our pleasure to assist you.



DENTON COUNTY MASTER GARDENER
ASSOCIATION & THE CITY OF DENTON
INVITE YOU TO PARTICIPATE IN THE

2022

FRUIT, VEGETABLE, HERB & FLOWER SHOW



SATURDAY JUNE 18TH
9 AM - NOON

DENTON COUNTY HISTORICAL
PARK & COMMUNITY MARKET
317 W. MULBERRY ST., DENTON



SCAN THIS TO
SUBMIT YOUR ENTRY



TEXAS A&M AGRILIFE EXTENSION IS AN EQUAL
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AGRICULTURE, AND THE COUNTY COMMISSIONERS
COURTS OF TEXAS COOPERATING.



Children's Garden



**GREAT PROGRAMS FOR PARENTS & THEIR CHILDREN
PRESENTED BY DENTON COUNTY MASTER GARDENERS**

June 2 "Suck-A-Bug"

June 9 "Field Trip to Shiloh Fields"

June 16 "Harvest"

June 18 "Fruit, Vegetable, Herb & Flower Show"

10:00-11:00 AM

FAIROAKS SENIOR HOUSING

1950 LATTIMORE ST, DENTON, TX 76209-4705



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





Getting to Know Your Sprinklers

Learn how to check your sprinklers, make easy fixes, and learn about sprinkler controllers and efficient watering practices.

**Tue, June 28, 2022
6:30 PM - 8:00 PM CDT**

**Global Spheres Center
7801 South Interstate 35
Corinth, TX 76208**

[Registration Link](#)

A free event brought to you by:



What's Growing On

Denton County Master Gardener Association Upcoming Events

June
2-16

Children's Garden

Thursdays, 10 - 11 am . Fair Oaks Senior Housing, Denton, TX

June
8

General Meeting & Program

10 am-noon. Business meeting & program "Flower Arrangement" presented by Holly's Gardens & Florist, Joe Prevratil, Global Spheres Center

June
11

Permanent Garden Class

8 am-5 pm. Presented in partnership with Beulah Acres Agroforest, Global Spheres Center

June
18

Fruit, Vegetable, Herb & Flower Show

9 am - noon. Denton County Historical Park, Denton, TX

June
28

Getting to Know Your Sprinklers

6:30 - 8:00 pm . presented in partnership with Upper Trinity Regional Water District. Global Spheres Center, Corinth, TX.

July
13

General Meeting & Program

10 am-noon. Business meeting & program "Ecological Landscaping" presented by Wildscapers Landscape Co., Global Spheres Center

August
4

KLB Garden Secrets Series: Fall Vegetable Gardening

6-7 pm . Presented in partnership with Keep Lewisville Beautiful. Lewisville Grand Theater, Lewisville, TX.

August
10

General Meeting & Program

10 am-noon. Business meeting & program "Inviting the Prairie into Your Home Garden" presented by Suzanne Tuttle, Global Spheres Center

August
13

Permaculture Design Intro Class

9 am-noon. Presented in partnership with Beulah Acres Agroforest, Global Spheres Center

August
13

Veggie Garden Class

1-4 pm. Presented in partnership with Beulah Acres Agroforest, Global Spheres Center

August
27

Compost Class

1-4 pm. Presented in partnership with Beulah Acres Agroforest, Global Spheres Center

For detailed information: dcmga.com/upcomingevents

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.





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.

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Pinterest:

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

YouTube:

<http://www.youtube.com/c/DentonCountyMasterGardener>

Save the Date

- June 8 DCMGA General Meeting, Global Spheres Center (& Virtual).
- June 18 Fruit, Vegetable, Herb, and Flower Show. Submit entry here: <https://form.jotform.com/220945865133156>

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.gov

Webmaster:

dcmga.webmaster@gmail.com

Communications:

dcmga.communications@gmail.com

Website:

<https://dcmga.com>

Content

Submission deadline for the July edition of *The Root* is Wednesday, June 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 or Communications Director Cheryl Huckabee at dcmga.communications@gmail.com.

All photos are courtesy of DCMGA's Creative Visual Arts (CVA) Team unless otherwise attributed.