

Denton County Master Gardener Association



THE ROOT

Grow With Us



Buds From The Board

BY PAT MOYER, PRESIDENT

It's hard to believe that it's October already. Of course, that means Fall Garden Fest, Fall Roundup, and Cool Shade for the 3rd Grade. Before I get all enthused about them, though, there are a couple of things I'd like to reiterate in case you missed the September General Meeting.

Two important events need to be recognized for their significance. The first is our very first "AT Day." This went off like we've been doing it on a regular basis. It's hard to believe that this was just a hypothetical suggestion less than a year ago. So a special DCMGA thanks to Kim Wootton and her right-hand helpers, Patty Cooke and Tammie Gurley.

The other significant event is even more important to DCMGA. Our long suffering CEA-Hort, Janet Laminack, just celebrated her 10th Anniversary with Denton County. I honestly believe that we, as an organization, would not be where we are today without her guidance and assistance. All that, and I recently found out she doesn't get hazardous duty pay for working with us.

WHAT'S GROWING ON

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Army Worms

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<https://dcmga.com>

Buds from the Board (Cont.)

Turning to October events, Fall Garden Fest is coming and I urge you all to participate in some way. Between the planning, set-up, booth operation, and clean-up, there are innumerable opportunities.

The Fall Round-Up is also this month. It's designed to let folks interested in the Master Gardener Program see what we are all about. Potential MGers are invited to get acquainted with members and the Intern Program.

The last, but definitely not the least, event this month is Cool Shade for the 3rd Grade. This is a multi-day, multi-part event. We partner with the Denton County Soil and Water Conservation District (aka DCSWCD) to receive, bag, and distribute tree saplings to 3rd Grade students in a number of schools throughout the county.

I urge you to participate in at least one of these worthwhile activities. They are all great ways to get in your service hours. And don't forget to renew your DCMGA membership for 2019.

Great Gardening!
Pat

Correction & Apology

In the September issue of *The Root*, the names of Tammie Gurley and Shirley Manfredi were inadvertently combined in the Cumulative Service Hour Awards recognition.



Both Tammie and Shirley received Spade service pins for 2000-2499 cumulative service hours.

Congratulations, ladies, and thank you for your service!

The Editor apologizes for this error and thanks both Tammie and Shirley for their gracious understanding.



TOP GARDENING TIPS

October

Continue sowing wildflower seeds. Press into the soil to facilitate germination; do not mulch.

Prepare tender plants to overwinter inside; check for insects. Cut & freeze fresh herbs in oil for winter use in soups and stews. Leave the leaves! Compost, or use as mulch.

#DCMGA #GROWWITHUS

DENTON COUNTY MASTER GARDENER ASSOCIATION

Fruit and Nut Grove Project Update

BY KATHY RAINEY

This month we're updating readers on the Fruit and Nut Grove Project article we published in the May issue of *The Root*. The project has been renamed Denton County Community Grove, and you'll recall that last year Master Gardeners successfully planted pear, plum, persimmon, fig, peach, jujube, pomegranate, and pecan trees, plus blackberries and grapes. Most of the plants performed very well in their first year with just a few plants needing replacement. Although it is uncommon for trees this young to bear fruit, we found a few pecans, persimmons, and jujubes when walking through the Grove in late August.



Photo courtesy of David Byrd

Blackberries thrive

at the Denton County Community Grove.

In the coming year, the project will focus on approximately five workdays that include Advanced Training, tentatively in January, February, March, May, and October. Other additional workdays may be scheduled if needed. Patty Cooke, David Byrd, and Kathy Rainey will share the Project Manager roles in coordination with Denton County Landscape Project Manager Fred Burrell. As the 2019 planning is currently being developed, we want to ensure Master Gardeners are performing work that enhances their learning of caring for fruit and nut plants rather than only maintenance of the Grove. Denton County will be responsible for general maintenance and irrigation tasks such as weeding, mulching, and spraying. The county will be constructing a gazebo, installing an educational kiosk, and adding plant signage in the Grove in 2019.

Patty, David, and Kathy have initiated discussions on ways to enhance the Grove project to provide Master Gardener AT opportunities and workdays that apply the AT knowledge and skills immediately after the training. We will provide AT on many of the fruit and nut varieties, plus we are

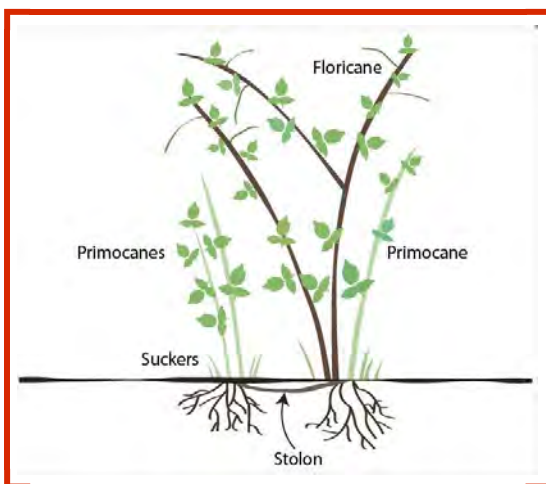


Illustration courtesy of David Byrd

Two distinctive canes

characterize blackberry plants.

looking into ways to enhance the Grove project. Ideas include adding a monarch butterfly waystation, pollinator garden, herb garden, and rain water garden. If you have additional ideas, please contact Kathy, Patty, or David; their contact information is in the member roster on the DCMGA website.

First up is a workday and AT scheduled for Tuesday, October 30. David will provide an overview of the Grove and present training on the varieties of blackberries planted in the Grove, including planting, pruning, caring, and harvesting schedules and techniques. Participating Master Gardeners will then perform the needed pruning of the blackberry plants growing in the Grove. Look for a Signup Genius invitation soon.

Meet Barbara Prins

BY GAY CAMPBELL

She didn't find her blind date for the evening all that interesting. But to 22-year-old Barbara, her friend's date was a completely different story. Barbara and Dan hit it off immediately and much to their respective partners' dismay, they chatted the night away. It wasn't long before the two were inseparable, but there was only one hurdle to a "happily ever after"... Vietnam. When the two met, young Dan Prins was due to be deployed any day. With his deployment suddenly postponed due to illness, Dan and Barbara were given extra time to get to know each other. Sure that she had met "The One," Barbara was equally sure that she didn't want to become a young widow before she had been given the chance to experience married life. Dan went off to war and spent a year buzzing treetops in his helicopter looking for Vietnamese. Shot down, he managed to escape and rescue the two soldiers with him in the process. Miraculously, Dan did make it back home to Barbara. The two were married and Ft. Hood became their first home. During the next 24 years, Colonel Dan and Barbara had two daughters and lived all over the world, including Germany and England.

As an Army wife, Barbara helped further Dan's career by organizing and attending cocktail parties, entertaining the officers and their wives, and generally assuming the role of "hostess with the mostess." All of that practice was obviously worthwhile because Barbara is a good cook and a gracious and accomplished hostess. Barbara has always been creative, but the talent I admire most is just how effortless it seems when she entertains. Barbara understands the value of breaking bread with friends and family and the role that food plays in making someone comfortable and easier to get to know. With this in mind, she tells me that, "Any small group I host, DCMGA or otherwise, will involve a meal." That's a plan I can wholeheartedly get behind, especially if Barbara is the hostess.



Photo courtesy of Gay Campbell

Barbara Prins
loving Mama Kitty.

After a long and distinguished career in the army, Dan retired, and the couple eventually returned to Texas where Barbara completed her masters in elementary and special education at TWU. Barbara taught kindergarten, first grade, second grade, and special ed for 30 years before retiring. Although she had little experience in actual gardening, Barbara was familiar with DCMGA because she had often attended the Spring Garden Tour. Barbara cites a lifelong passion for flower arranging as another reason that she submitted an application to become a Master Gardener immediately after retiring.

Four years later, Barbara remains convinced that she made a wise decision when she decided to become a Master Gardener. Through DCMGA, she has gained a vast amount of gardening and horticultural knowledge which she finds useful on the 22-acre farm that she and Dan own just outside of Denton in Crossroads, Texas. As an active member, Barbara has made many new friends, including Dee Payne. She and Dee make an exceptionally good team as decorators for chapter events.

Barbara Prins (Cont.)

They also serve as "creators extraordinaire" of the much sought-after Fall Festival scarecrows. In addition, Barbara is the DCMGA Program Chairperson and consistently finds interesting and informative speakers for the general meetings which are open to the public as well as the DCMGA membership.

The Prins have 5 athletic grandchildren, and Barbara and Dan are their number one fans. Most Friday nights, you can find them standing on the sidelines or cheering from the bleachers. In addition to football, they also routinely cheer at volleyball, basketball, and track events.

Active and involved in Sunday School and church for many years, the Prins' faith is a huge part of their lives. Barbara organizes Sunday School Christmas parties, lunches, and other events, and also takes meals to the sick. She sings at her sister's nursing home on a weekly basis and tutors a young student in reading and other subjects. When Barbara and Dan are not busy volunteering for DCMGA (her) and Elm Fork Master Naturalists (him), they love to escape to Colorado and other picturesque locales in the large motor home parked between their main home and guest house. Barbara calls it camping, but I'm not convinced. After seeing their RV, I've decided they are glampers.

The Prins' farm is a lovely property dotted with majestic oaks and an abundance of Texas native trees. At first glance, it's not hard to feel a tinge of envy, but then one realizes that not only is their property visually appealing, it's also a lot of hard work. Dan, who calls himself a Gentleman Farmer, grows his own hay, and bales it for his own use as well as for 5 or 6 other local farmers. Barbara maintains the flower beds and, unfortunately, the farm does not currently have irrigation, so she estimates that she spends 2-3 hours outside watering each day. Between them, Barbara and Dan care for two pigs, a horse, several chickens, a dozen Guinea fowl, and a very friendly dog and cat.

I'm told that the night vision camera has captured images of foxes, coyotes, skunks, and countless other furry visitors. Access to various parts of the farm is easily gained via the property's golf cart. Agreeing to a tour, I only feared for my life once. Let's just say that the wooden bridge over the gulley really is a half inch or so wider than the golf cart!

In addition to growing and arranging flowers, Barbara is passionate about antiques. Her home is full of lovely pieces, and I was pleased to learn that we share a love of beautiful dishes. In her spare time, Barbara enjoys antiques and frequenting thrift shops. She is especially thrilled when she is able to combine the two. During my last visit, she proudly showed her guests the gorgeous antique dining



Photo courtesy of Gay Campbell
Fall Garden Fest Scarecrows
 are perennial favorites.

Barbara Prins (Cont.)

chairs she scored at a local thrift store. If memory serves, she spent about \$15 apiece on them! For anyone who is interested in learning the ropes of thrifting, Barbara is your gal.

Barbara's current horticultural project involves a red, white, and blue lasagna garden surrounding a flagpole in front of the circular driveway. Cobalt blue wine bottles are displayed at an angle on a tall metal frame while a bright red, hardy hibiscus blooms profusely nearby. Wispy blue sage blows gently in the wind in front of an abundance of tall, red roses that encompass the flag pole. Mounds of white vinca and Blackfoot daisy proudly

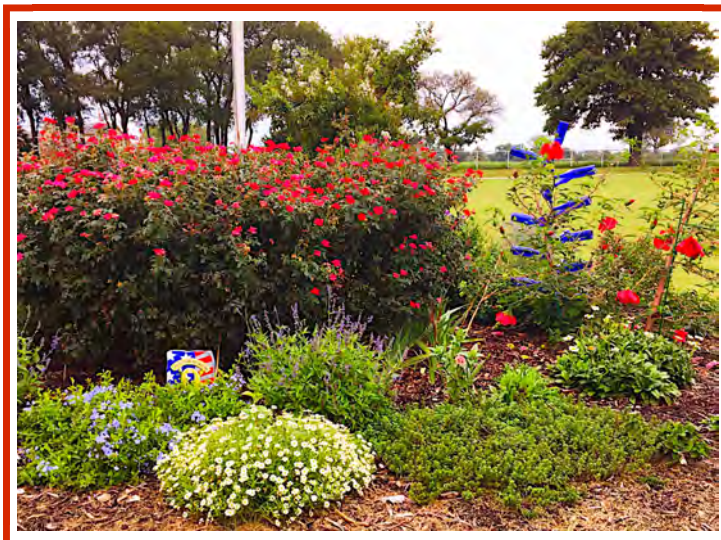


Photo courtesy of Gay Campbell

Barbara Prins' Red, White & Blue Garden provides a beautiful backdrop for an patriotic purpose ... and an honorable man.

spill over the mulch in the foreground of this multi-tiered bed. Barbara's patriotic flower garden would be impressive on its own, but when she tells me that it was created as a backdrop for the plaque that she and her girls intend to have engraved in honor of their own special Vietnam Nam vet, I couldn't help but get a bit misty-eyed. This is a family that has put duty, honor, and country first, no matter the sacrifice. Families like this are getting harder to find these days, but I have been fortunate to meet a few of them in DCMGA. I didn't necessarily become a Master Gardener to meet outstanding individuals and make life-long friends, but as time goes on, it is definitely one of the many reasons I choose to stay.



Janet Laminack,

our fearless leader, recently hit the 10-year milestone in her position as Denton County Horticulture Agent for Texas A&M AgriLife Extension.

DCMGA celebrated Janet at our September general meeting.

If you haven't had opportunity, please stop by the AgriLife office to sign the photo mat that's framing a snapshot of our 2018 Best State Association award win.

Janet, you are loved and appreciated. Thanks for representing us so well.

Photos courtesy of Kathryn Wells



Plant of the Month

Afghan or Eldarica Pine Tree

BY LEE ANN YATES

One of the major challenges of gardening in Denton County is the abundance of heavy clay soil. Much of Master Gardener training and education is geared toward dealing with this challenge. However, there is a ribbon of sandy loam soil wending through the county and some of us get to garden in this soil. It has its own set of challenges – generally, holding enough water and nutrients for our plants. It is mostly for that ribbon of gardeners I've chosen to write about the Eldarica Pine, also known as the Afghan Pine (*Pinus brutia* var. *eldarica*). Seeds of the evergreen Afghan Pine came to the United States in the 1960s through diplomacy with Afghanistan, but the tree originates from the Eldar Valley on the border between Azerbaijan and Georgia.

Growing Afghan Pines

Afghan Pines grow best in full sun, at least 6 hours daily, and well-drained soil. These trees will tolerate acid pH and alkaline pH soils, as well as clay soil, and are highly drought-tolerant. They grow best in hardiness zones 6a to 8b. Suitable for a xeriscape, this is a good tree to plant in locations where there is no irrigation – too much water, more than 20 inches a year, will kill Afghan pines. They tolerate heat quite well, while its strong branches and soft needles make excellent windbreaks. Afghan Pines create valuable cover, nesting, and breeding areas for birds. In winter, the 3" long, oblong cones and seeds provide food for nonmigratory birds and other animals. The rough bark, which peels on young trees, grows into dark, furrowed bark as the tree matures. Eldarica or Afghan Pines have a dense, symmetrical cone-shaped canopy with medium growth of 13-24" per year, up to approximately 40 feet tall, with a spread of 15 to 20 feet. Many times, nurseries advertise these pines as the perfect Christmas tree!



Stock Photo, Generic Pine

An illustrative depiction

of the Afghan Pine is available online at
Trees of Texas: [http://texastreeid.tamu.edu/
content/TreeDetails/?id=72](http://texastreeid.tamu.edu/content/TreeDetails/?id=72)

Afghan Pine Pests and Diseases

It sounds wonderful, doesn't it? There are a few cautions I must give, though. Excess water must be drained away from Afghan Pines as they are susceptible to Diplodia tip blight (*Diplodia pinea*), a fungus that attacks if the roots get too wet. It may also experience issues with cotton root rot disease which occurs during summer. Needles become brown and dry but don't fall to the ground. By autumn, roots begin to decay and the whole tree declines, eventually dying.

Similar to crape myrtles, Afghan Pines can be attacked by sucking aphids, and subsequently, a sooty mold often grows on areas affected by honeydew. While the mold does no direct damage, an aphid infestation results in distorted, yellowed foliage and can severely degrade a healthy tree. Boring pine tip moths,

Afghan Pine (Cont.)

such as the Southwestern Pine Tip Moth (*Rhyacionia neomexicana*), like to lay eggs in tender plant tissue. Larvae bore into that tissue to feed before forming cocoons on the trunks. Damage from the feeding borers includes dieback on twig tips. Releasing beneficial insects, such as parasitic wasps, can control small infestations. Insecticides with permethrin can control severe infestations. Parasitic wasps, lacewings, or lady beetles provide effective biological control of aphids and other sucking pests. Neem oil or other low-toxicity pesticides may be used to control heavier infestations of sucking pests.

If you have a dry, hot, non-irrigated, perhaps windy section of your garden and don't mind looking out for a few pests, consider the beautifully shaped, low-maintenance, drought-hardy Afghan or Eldarica Pine tree. What a great gift for an upcoming winter holiday!

Resources

Trees of Texas - <http://texastreeid.tamu.edu/content/TreeDetails/?id=72>

Arbor Day Foundation - <https://www.arborday.org/trees/treeguide/TreeDetail.cfm?ItemID=1087>



New Membership Renewal Process

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

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

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

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

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

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

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

Growing Wildflowers from Seed

BY MICHELE RAWLEIGH

Growing native wildflowers brings a bit of the prairie to your backyard. Sowing wildflower seed mixes is an inexpensive way to fill an area with a variety of colorful springtime blooms. Native bees and other pollinators that are important to our food chain appreciate the nectar that wildflowers provide early in the season.

To have the best chance of success with your wildflower garden, here are a few things to consider:

Seed Selection

Select seeds of species that are native to your area. These will be the most attractive and beneficial to native pollinators along with being adapted to your weather conditions. Some seed suppliers prepare blends that are labeled for specific geographic regions. You can also compare the seeds listed on the packet with the native plant database on the Ladybird Johnson Wildflower Center website (www.wildflower.org), which also includes the 20 most common Texas wildflowers. Texas A&M's Wildflowers in Bloom website (<https://aggie-horticulture.tamu.edu/wildseed/>) also provides detailed growing information and photographs for dozens of wildflowers.

Site Selection

Locate your wildflower garden in full sun. Most wildflowers bloom best with full sun, meaning at least 5 to 8 hours of direct sun. Although tolerant of our slightly alkaline soil in North Texas, it is essential that the soil drains well. Sites with standing water or heavy clays will not yield good results.



Photo courtesy of Kathryn Wells

Partridge Pea

(*Chamaecrista fasciculata*) provides a sunny spot of garden color.



Photo courtesy of Kathryn Wells

Wildflowers like Firewheel

(*Gaillardia pulchella*) benefit our Texas native pollinators, including this brown-winged striped sweat bee.



When to Plant

In North Central Texas, sow wildflower seeds in fall for spring bloom. North Texas typically experiences enough rain in the fall to help the seeds germinate and then has a sufficiently cold winter for those species that prefer some chilling hours.

Site Preparation

Start with a clean slate. Remove weeds and turf grasses that will crowd out wildflower seedlings. Lightly rake the surface no more than 1" deep to loosen the soil, but not so deep that you expose more weed seeds. Integrating organic material or compost improves soil by adding plant nutrients and helping break up clay soil.

Growing Wildflowers from Seed (Cont.)

Sowing Seeds

Scatter seeds by hand or with a handheld spreader onto bare earth. You may wish to add sand or perlite to your mix in a ratio of 4-parts inert material to 1-part seed mix to help tiny seeds disperse evenly. Do not cover the seeds with soil, but do press down on the area by walking or using a roller. It is important that the seeds are in contact with the soil but not covered with more than 1/16" - 1/8" of soil.

Ongoing Care of Your Wildflower Garden

Gently hand water at first sowing and keep the area evenly moist (but not saturated) for the next 4 to 6 weeks, supplementing with irrigation if necessary until the plants are a couple inches high. Once established, wildflowers need minimal supplemental water.

If you planted a mixture of seeds, germination will be sporadic as not all species have the same germination rates or requirements. Be aware that emerging seedlings could easily be mistaken for weeds. Texas A&M's Wildflowers in Bloom website (see Resources) includes photographs of common wildflower seedlings to assist in identification. The website also suggests sowing a pinch of seeds into a container of potting soil to use for comparison.

If Mother Nature cooperates, come spring your wildflower garden will be a beautiful haven for beneficial insects. Then sit back and enjoy your own little piece of the prairie.



Photo courtesy of Kathryn Wells

Once covered in bermudagrass, this pollinator garden was created with a few native plantings and a handful of native wildflower seeds.

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Photo courtesy of Kathryn Wells

References

- The Ladybird Johnson Wildflower Center:
<https://www.wildflower.org/>
- Texas A&M Wildflowers in Bloom:
<https://aggie-horticulture.tamu.edu/wildseed/>

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This landowner of this acreage

in western Flower Mound allows indigenous wildflowers to freely reseed on the property. *Achillea millefolium*, *Callirhoë involucrata*, *Castilleja*, *Centaurea americana*, *Coreopsis*, *Erigeron philadelphicus*, *Eryngium leavenworthii*, *Helianthus*, *Liatris mucronate*, *Lupinus*, *Oenothera speciosa*, *Ratibpda columnifera*, and *Rudbeckia* represent only a few of the species visible throughout the year.

Cool Shade for 3rd Grade

BY SUSAN LOOS

Cool Shade for 3rd Grade is a co-operative endeavor with the Soil and Water Conservation District and Denton County Master Gardeners. The goal is to help the third graders of the Lewisville School District better understand the important role trees play in our environment.

Our organization helps organize, bag, tag, and deliver trees to 32 schools in LISD. It's a big project, but it offers gratification, fun, and many hours of volunteer work.

The first day of the project starts on Tuesday, October 23, for the delivery of these trees to Barbara Prins' home in Crossroads, Texas, where they are prepared for bagging. Trees are placed in buckets of water for the next day.

Bagging will be on Wednesday, October 24, starting at 9:30 at Barbara Prins' home. This task involves placing each tree in a bag and stapling its related information tag to that bag. There are approximately 3,000 trees, so many volunteers are need to speed up the bagging. Snacks and lunch are provided for those attending.

Thursday, October 25, and Friday, October 26, are the delivery days. Those that help with bagging usually help with delivery as well. Everyone is encouraged to take their trees with them after the bagging is done for delivery the next two days. Those who are not bagging are encouraged to get their trees at Barbara's house on Wednesday, October 24, in preparation for delivery. All bagged trees will be labeled with the school name, address, contact person, and the time of delivery. PLEASE check the bags before taking them to ensure they are for your school. You will receive a short presentation sheet to read to the students. They will have questions – it is totally up to you how long you field these questions, but the teachers will usually let you know when it's time to stop. Next, hand out the trees to the students. Once that is completed, you are done. If you are afraid to talk in public, rest easy. These are 3rd grade children with short attention spans. It's great fun and their questions are hysterical. I encourage you to become involved with this project on any level.



Photo courtesy of Mary Morrow

DCMGA Members

Janie Cindric (left) and 2017 Cool Shade Program Manager Andie Milton (right) bag saplings in preparation for delivery.



Photo courtesy of Mary Morrow

DCMGA Member Damon Simmons pitches in at the pre-delivery tree-bagging day at the Prins' home.

For more information or to volunteer, contact Susan Loos at looswoman@verizon.net.



BY JANIE FARLER

Q. My yard is crawling with army worms! I can literally see it moving. What can I do?

A. The conditions are perfect for army worms this year, and they are marching across the county.

Unfortunately, you may not notice them until they are mature, and, by then, they can consume an area as big as a football field in two or three days. Army worms feed on the leaves, not the roots, so plants can recover.

Bermudagrass is usually okay because it grows so aggressively, but some grasses may die. If there is significant damage, you should treat as soon as possible. The threshold level for treatment is more than five larvae per square yard.

Many treatment alternatives are available. If you want an organic option, you can use Bt (*bacillus thuringiensis*) or spinosad.

Mike Merchant, of Texas A&M AgriLife Extension's Insects in the City, recently explained more about the "surprising" army worm: <https://citybugs.tamu.edu/2018/09/20/fall-armyworms/>

And, this article from University of California's Agriculture & Natural Resources Statewide Integrated Pest Management Program details each option in order of effectiveness and degree of harm to honeybees and the environment.

<http://ipm.ucanr.edu/PMG/r785300611.html>



Photo courtesy of Kathryn Wells

If you have questions about pests in your landscape 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.



2018 FALL CHILDREN'S GARDEN AT FAIROAKS

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 August 23rd through November 8th

WHO

Dana Bays
Jacqueline Carney

DATE

ACTIVITY/TOPIC

DEMO

Thursday, August 23	Plant green beans, squash & pumpkins
Thursday, August 30	Plant chard, kohlrabi lettuce, & turnips
Thursday, Sept. 6	Plant carrots, lettuce, & transplants - tomatoes
Thursday, Sept. 13	Plant snap peas, kale, & transplants - broccoli
Thursday, Sept. 20	Plant spinach, radishes, beets, & transplants - cabbage
Thursday, Sept. 27	Plant mustard or collard & transplants - cauliflower
Thursday, Oct. 4	Plant radishes, spinach & transplants - brussel sprouts
Thursday, Oct. 11	Plant lettuce, turnips, & fava beans
Thursday, Oct. 18	Weed, water, & harvest
Thursday, Oct. 25	Field trip to Shiloh Gardens @ Nottingham Dr., Denton
Thursday, Nov. 1	Harvest
Thursday, Nov. 8	End of Season harvest

How to plant seeds

**DURING OUR
GARDENING
CLASSES, WE'LL BE
LOOKING FOR BUGS.
WHAT'S EATING
YOUR FOOD?**



How to compost

WEATHER PERMITTING

Field Trip* 1

Parts of a plant leaves,
roots, & flowers

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





Denton County Master Gardener Association
presents



Think Fall!

FALL GARDEN FEST

OCTOBER 13

SATURDAY
9:00 AM - 3:00 PM

DENTON COUNTY FAIRGROUNDS
2217 N. CARROLL BLVD. DENTON, TEXAS

A FREE event for the entire family



FEATURING GUEST SPEAKERS DR. DOTTY WOODSON AND STEVEN CHAMBLEE

Learn from gardening experts on Water: Why Every Drop Matters, Water Conservation,
Pollinators, Vegetable Gardening, Vermiculture, Composting, and much more!
Visit Our Fabulous Vendors and Fun Kid Activities.

Interested vendors please contact Carolyn at carolyn.stoy@gmail.com

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Denton County
Master Gardener Association



TEXAS A&M
AGRILIFE
EXTENSION

Thanks



Southwest Displays & Events



Justin Seed Co.

2018 *our*
Fall Garden Fest
Sponsors



DENTON COUNTY
MASTER GARDENER ASSOCIATION

Here We Grow Again!

Now Recruiting for Our
30th Anniversary 2019 Intern Class

Applications Accepted
August 15 - October 19, 2018

**Open House Round Up
Informational Meeting
October 17, 2018 ~ 10 am to 12 pm
Joseph A. Carroll Building
401 W. Hickory Street, Room 115
Denton, TX 76201**

Details available at
www.dcmga.com



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TEXAS A&M
AGRI LIFE
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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.

We seek to provide reasonable accommodation for all persons with disabilities for this
program and ask that you notify the Denton County AgriLife Extension Office of the
auxiliary aid or service that will be required.





DENTON COUNTY MASTER GARDENER ASSOCIATION

GREATER GARDENING

2019 GREATER AUBREY AREA GARDENING SERIES



JANUARY 17

Butterfly Gardens

**Carol Rowley
& Mary Branstetter**



FEBRUARY 21

Plant Propagation

Suzie Cook



MARCH 21

Basic Landscaping Design

Principles

Shirlee & Claud Singer

6:00 PM - 7:00 PM

Third Thursday: Jan., Feb, & March

AUBREY AREA LIBRARY

226 Countryside Drive

Aubrey, TX 76227

Jump start your 2019 gardening
with this free educational series.

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

SPONSORED BY



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and the County Commissioners Courts of Texas Cooperating.



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.

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Facebook:

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

Instagram:

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

Twitter:

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

Pinterest:

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

Save the Date

October 13: Fall Garden Festival

October 17: Class of 2019 Round Up

October 24: Cool Shade for the 3rd Grade Bagging

October 25 & 26: Cool Shade for the 3rd Grade Distribution

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Content

Submission deadline for the November edition of *The Root* is Monday, October 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 Kathryn Wells at kathrynwells333@gmail.com.