



Through the Vine

A Quarterly Newsletter of the OSU Extension Fairfield County Master Gardeners

Summer 2023

Mission: To make a difference in the community in which you live through gardening education and knowledge.

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OSU MGV's Conduct Pollinator Research

by Carrie Brown, ANR Extension Educator

Fairfield County OSU Extension is participating in a multi-year flora survey about pollinator preference and Master Gardener Volunteers are collecting the data. This survey of native and introduced perennial plants is a collaborative effort between OSU Buckeye Environmental Horticulture Team, OSU Entomology, OSU Extension and The Cincinnati Zoo and Botanical Garden. Our garden is one of a dozen replicated sites across the state. The research plot includes 14 perennials that were planted by MGVs in May 2022. Highlights include *Solidago rugosa* 'Fireworks' (Rough Goldenrod), *Vernonia lettermannii* 'Iron Butterfly' (Letterman's Ironweed), *Allium senescens* 'Summer Beauty' (Ornamental Allium), and *Helianthus salicifolius* 'Autumn Gold' (Willow-leaved Sunflower). Plants were chosen to support a variety of pollinators and to offer nectar resources for the entire growing season.

Throughout the summer and fall of 2022, MGVs visited the site biweekly, following a protocol to survey the quantity and variety of pollinators visiting each species in flower. Data collectors also noted

the number of blooms they saw during each survey. This data was submitted to OSU's Department of Entomology for analysis. Preliminary results show that in 2022 over 1,600 insects were observed in the 12 participating counties! The majority of observed pollinators were bees (1,019), but a variety of moths & butterflies (113), flies (264), wasps (33), and few other types of pollinators (214) were also reported visiting flowers.

This year, surveys resumed in May and MGVs have already started collecting observations for 2023! Collected data will help researchers at OSU determine how the different species of plants support different pollinators. This information is also being used to create charts that show when each of the plants are in high-bloom vs. low-bloom across the state, indicating the phenology of each species based on location.



OSU Extension Research Plot

Interested in getting involved? Contact ANR Educator, Carrie Brown at brown.2766@osu.edu. You can learn more about the project by visiting: u.osu.edu/plants4pollinators.



CONNIE'S CORNER

Dear Master Gardeners,

It is an exciting time to be a Master Gardener in Fairfield County!! We have just completed our late winter/early spring educational meetings and project planning. We have participated in Earth Day activities and in the Jobs and Family Services Family Fun Night with our Snap Ed Partners to educate children and families about growing green beans with our 'Beans in a Bag' activity plus seed giveaways with the ODA/OSU Victory Seed effort.

Master Gardener Volunteer Teams have been busy in their respective projects weeding, planting and watering. Let's hope Mother Nature begins to cooperate just a bit with our watering needs. We will soon be taking off on our first Bus Trip since the COVID pandemic on June 22 touring the plant trials on the OSU campus, Groovy Plants Ranch and the Dannaher Nursery on June 22 in a 55 passenger OSU Coach Bus. Bring a friend and get registered for the Bus Trip now!! Cost is \$10.00 per person. For details or to register, contact OSU Extension at 740-653-5419.

Mark your calendars now to participate in Local Foods Week beginning on August 7 at the Clearcreek Winery Vineyard located at 9214 Westfall Road SW near Amanda!! We are in the process of planning an activity for each day of the week concluding with Tomato Tasting on Friday, August 11 at Keller Market House located at 134 S. Columbus Street, Lancaster, OH. Stay tuned for ways to participate with our Local Foods Celebration in Fairfield County!! It is going to be a fun learning opportunity at various locations across the County!

Finally, I know you all have been out and about in your gardens or giving back to Master Gardener Projects so, what is that one tool you take everywhere you go? Do you have one special shovel, weeder or planting tool you just

can't go to the garden without? With that thought in mind, bring that special tool (or a picture of the tool) with you to the July 13 Master Gardener Meeting at the Fairfield County Ag Center beginning at 1:00 p.m. Our focus of the meeting will be to talk about favorite garden tools and why you love THAT tool. Looking forward to a fun July 13 meeting of sharing!!

Thank you for all your efforts in helping the Fairfield County Master Gardener Program grow and thrive!!

Connie Smith
Program Assistant, Agriculture and Natural Resources
Master Gardener Coordinator
Smith.3204@osu.edu

MASTER GARDENER NEWS

MG Rain Gardener Classes Offered



Franklin County Soil and Water is offering a Master Rain Gardener class. There are five classes beginning Tuesday, August 15 from 6-8 p.m. at the Franklin Soil and Water Conservation District Office at 1404 Goodale Blvd., Suite 100, in Columbus. Other class dates are August 15, 22 and 29 and September 12. There are optional field trips on August 26 and September 9.

The focus of the class is to learn how to design, install and maintain residential rain gardens. Each trainee is expected to install their own rain garden or donate 15 hours of volunteer time to obtain their certificate. They will give each participant feedback on their own personal rain garden plans.

Registration for the classes starts at the end of June. Cost is \$75.00, with scholarships available. For further information, contact Madison Wisniewski at 614-486-9613, ext. 125 or email her at mwisniewski@franklinswcd.org.

MASTER GARDENER NEWS

MG Project Updates

by **Connie Smith, Master Gardener Coordinator**

AG CENTER IS A SPRINGING FORTH WITH COLOR

May 23, 2023 was a big planting day at the Fairfield County Ag Center. ‘Roseanne’ Geraniums, petunias and alyssum are center stage for the summer growing season at the Ag Center. It is going to be exciting to see the array of color which will come forth as the season progresses. Plus, all the plants have been identified and labeled.



Michele Byrne &
Nancy Weidman

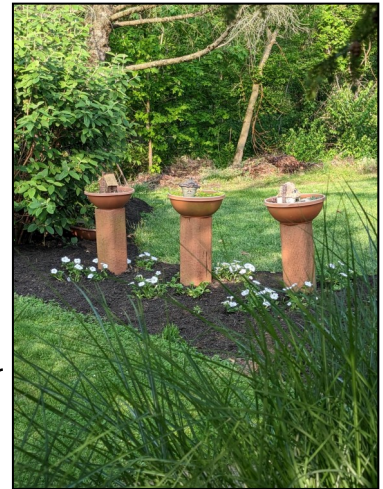
Nancy Weidman and Michele Byrne have done a great job of taking on the plant selections and watering schedules throughout the summer. Special thanks to Dianne Gerken for taking special care of the Fairfield County Agriculture Center Sign. Nancy, Michele and Diane are all Master Gardeners from the class of 2017. Special thanks to Barbara Kochick, Debbie Wren, Patty Turner, Kathy Cassidy, Barb Wood, Kelly VanScoy, Susie Carpenter and Connie Ogg for assisting with the 2023 Spring planting at the Ag Center. For more details or to assist with the Ag Center summer watering please reach out to Nancy Weidman at nlweidman@gmail.com



Ag Center on planting day

WAGNALLS GARDENS

Weeding, mulching and watering are among some of the efforts that have been happening at the Wagnall's Memorial Library Gardens. Pam Jarvis and volunteers have had planning sessions for the Storytime at Wagnall's interactive educational day slated for June 27 with families and youth who enjoy Summer Programs at the Library. In addition, there will be a walking tour of the gardens with the Fairfield County Master Gardeners beginning at 6:30 p.m. also on June 27 that will be open to all interested gardeners.



The fairies are migrating back to Wagnalls! (Photo taken in Nell's Secret Garden.)

Special thanks to the Bloom Carroll Football Team for the help with mulch and all of those who have donated plants and other needed supplies to make the Wagnall's Garden a point of pride in the Lithopolis Community. For more details on the Wagnall's Garden project, please contact Team Leader, Pam Jarvis, pamelalynnjarvis@gmail.com.



Allium at Wagnalls Memorial Gardens

MG Project Updates Continued from page 3

LEARNING NEVER ENDS GARDENS INSPIRE

Be sure to take a drive-by tour of the Learning Never Ends Gardens near 148 W. Union Street in Lancaster to look at what a bit of creativity can do in a vacant city lot. You will see a multitude of vegetable and flower gardens, creative structures and so much more. Also, be sure to find time to look at the second site of the Learning Never Ends on Hill Road near Pickerington where raised beds are beginning to flourish and landscape beds are getting ready for summer blooms. Special thanks to Master Gardeners Jane Eberly, Patty Turner and Mary Kessler for their commitment to the Lancaster site. Cheryl Knox, MGV of 2022, enjoyed her work at the Pickerington site until she recently relocated in South Carolina. MGV Chris Franci has been lending a hand at the Pickerington site too. If you would like to get involved in this project, please reach out to Learning Never Ends employee and Master Gardener Jess Markwood at jess.markwood80@gmail.com. She is still in need of assistance at the Pickerington Site.



Irises at the Lancaster Learning Never Ends site



Shade structure at the Lancaster LNE site



Moving dirt into raised beds at the Pickerington LNE site

WORKING AT THE GEORGIAN

Master Gardener Volunteer Karen Gottlieb has found her happy place at the Georgian gardens. Karen works along with Fairfield Heritage Association (FHA) Executive Director, Wendy Gregory to plan the seasonal changes of the container gardens at the grand museum. In addition, this spring Karen and Master Gardener Volunteer Kathy Cassidy planted new shrubs and perennials around the signage at the Georgian to avoid the use of so many annuals at the site. This ongoing effort with FHA will continue with the addition of seasonal changes in the containers. Be sure to be on the lookout for some new signage at the "Georgian Corner" in downtown Lancaster. If you would like to learn more about the efforts at the Georgian, please reach out to Karen Gottlieb at kagottlieb@yahoo.com.



New plantings around the entrance sign at the Georgian Museum Gardens

MG Project Updates Continued from page 4

SHERMAN HOUSE


The Sherman House Museum Gardens are small, but completely documented and historically accurate. Master Gardener Volunteers continue to research the plantings and even incorporated composted cattle manure into the garden beds in 2023 to utilize some of the nutrients that might have been available to the family at the time they would have established their gardens in the early 1800's. For more details or questions about the gardens contact Museum Director and MGV, Laura Bullock at greenmoundfarm@gmail.com.

Be sure to mark your calendar for the June 21 program. Keynote speaker will be Jennifer Bartley, an excellent gardening author. Herbal Refreshments with herbs harvested from the Sherman House Gardens will be served. Cost for the event is \$5. Doors will open at 6:30 p.m. and the program will begin at 7 p.m. at the Sherman House located at 137 E. Main Street, Lancaster.

Please note the gardens are always open. Visitors are welcome to take a quick tour of the gardens or sit and enjoy its beauty.



Sherman House gardens and tool shed



Be sure to check out the Fairfield Extension You Tube Channel
<https://www.youtube/user/Fair>

FAIRGROUNDS—BROAD STREET GATE

Master Gardener Louise Smith is the plant lady that keeps the Broad Street gate entrance to the Fairfield County Fairgrounds looking good. This year the Wild About Animals 4-H Club has stepped forward to assist with needed chores at the garden when time permits as a Community Service project. This garden effort is unique in the fact Louise takes great care to be sure it looks good all season long but especially for the Fairfield County Fair, which is October 9-14, 2023.



Entrance to Fairfield County Fairgrounds—Broad Street gate

MG Training in 2024

by *Connie Smith, Master Gardener Coordinator*

CFAES
COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES

**2024 Master Gardener
Volunteer Training**

The OSU Extension Master Gardener Program is a premier statewide network of volunteer education and leadership development, as well as a consumer horticulture education delivery system that maximizes human, material, and natural resources, and values teamwork and excellence in educational programming.

There are many exciting opportunities for continuing education and camaraderie, and this has helped OSU Extension build a corps of dedicated volunteers. Volunteers are an important component of the OSU Extension system.

The Master Gardener knowledge, experience and enthusiasm have become essential to Extension education of consumer horticulture in the state of Ohio.

**MASTER
GARDENER
VOLUNTEERS**

What: A 6-week training program that provides a balanced, integrated practical course in plant science.

When: Friday, April 5, 2024 Friday, April 12, 2024 Friday, April 19, 2024
Friday, April 26, 2024 Friday, May 3, 2024 Friday, May 10, 2024
Each session will be approximately 9:00 a.m. – 3:30 p.m.

Cost: \$150.00, includes reference manual

Where: 821 College Ave, Lancaster, OH 43030

Contact: Connie Smith, Fairfield County Master Gardener Coordinator
740-277-4632 or smith.2204@osu.edu

 **THE OHIO STATE UNIVERSITY**
EXTENSION

Looking ahead to 2024... We will be holding Master Gardener Training beginning on Friday, April 5, 2024 at the Fairfield County Ag Center. The 2024 Training will conclude on May 10, 2024. All classes will be held on Fridays and will begin at 9 a.m. until 3 p.m. in person. At this

time, I would anticipate the MGV Training Course will cost approximately \$150.00 which does include the MGV Manual. Stop by the office and pick up the training fliers and brochures if you know folks who are interested in becoming Master Gardeners in 2024. You may also print these items yourself as they are included at the end of this newsletter.

MASTER GARDENER NEWS

Replanting History... with the Fairfield County Auditor's Office

By Vicki Tauer, Master Gardener 2022, Project Coordinator for Auditors Office Planting

The beautiful Italianate building that sits on the corner of Main and High Streets in Lancaster, Ohio, has housed our Fairfield County Auditor's Office since 2020. The original building dates back to around 1837 as a private home. Over a hundred years later, it became a public building and has housed numerous businesses including the Health Department, Board of Education and Sheriff's Office. In 2019, it was extensively renovated, expanded and upgraded to meet the needs of Fairfield County.

Our current county auditor, Carri L. Brown, PhD, MBA, CGFM, contacted the Fairfield County Master Gardener program in 2022 regarding planting perennials on the grounds. At that time, we discussed native plants and trees, ongoing garden maintenance, public education of the project, radiant heat from the surrounding asphalt and the building, pollution from the constant traffic, safety of pollinators and the public — all while considering the building's design and history.

Early in 2023, we revisited the project and came up with an action plan with input from other master gardeners. We were able to enjoin a local garden expert who could do the "heavy lifting" of creating the garden beds, augment the soil and get the selected plants into the ground. That addressed a major concern which paved the way for implementing our plan. Plants had to be able to tolerate the environment created around the building. We kept the current boxwoods at the entry way and added more along the west side of the building to provide continuity in that line of sight. We added some splashes of color with hydrangeas and colorful spirea. The pollinators will be happy with the catmint, cranesbill, allium,

rudbeckia and sedum. Karl Forester grasses were added at the ADA entrance to provide softening of the railings.

The Auditor's Office building is on the Fairfield County Heritage Tour which is scheduled for June 24 and 25, 2023. While the gardens are not part of the tour, everyone is welcome to come take a look at our newest project. The grounds are always open to the public.

For a more detailed history on this building, go to <https://www.co.fairfield.oh.us/auditor/timeline.html>.



Very soon these garden beds will be filled with Pollinator Plants for all to enjoy while traveling Main Street in Lancaster

Newsletter Deadlines

Do you have an article, garden musing, photo from an MGCV project, calendar event or other idea you'd like to submit for the MGCV newsletter? Articles and information are welcome at any time! Material not used in the current newsletter will be saved for a later edition. Newsletters are published quarterly with the following submission deadlines:

Spring Newsletter—submit by **February 1**

Summer Newsletter—submit by **May 1**

Autumn Newsletter—submit by **August 1**

Winter Newsletter—submit by **November 1**

Expect to See More Ticks Statewide This Season

by Tim McDermott, OSU Extension Educator—
Franklin County

There has been a steady increase in tick-vectored disease numbers in Ohio each year, and officials don't expect to see a reverse of the trend.

While you can encounter a tick during any season, spring marks the beginning of heavy tick season, and this year, the tick population statewide is expected to continue to rise. There are multiple factors contributing to the increase in tick-vectored disease, including global climate change, tick range expansion, and increasing numbers of wildlife living in close proximity to people.

20 years ago, the American dog tick was the only tick in Ohio that was of medical importance to humans, companion animals, and livestock. Now, there are five ticks in Ohio that are of concern: the American dog tick; the blacklegged tick (also known as the deer tick); the Lone Star tick; and most recently, both the Asian longhorned tick and the Gulf Coast tick, both of which were first confirmed in Ohio in 2020.

We are also up to seven counties in Ohio with Asian longhorned tick as of right now. We will be closely monitoring to see if we add any new Ohio counties with Asian longhorned ticks in 2023. With the rising tick population comes the risk of contracting tickborne illnesses such as anaplasmosis, babesiosis, Rocky Mountain spotted fever, and Lyme disease. And in some cases, in some people, Lone Star ticks can cause an allergy to red meat after the person is bitten by the tick.

In Ohio, ticks are most active from April through September, although they can be active any time of the year. We have had positive cases of Lyme disease diagnosed in every month of the year in Ohio. It's not just walking out in the woods when you can encounter ticks. Some can do fine in a pasture, hayfield, or even your backyard lawn.

While the risk of encountering ticks in Ohio is high, and the number of ticks that are carrying diseases is high, there are things people can do to keep themselves safe. One way to control ticks is through proper management of their habitat. Keep your yard mowed and do not allow brush or leaf litter to accumulate. Remove brush, tall weeds, and grass in order to eliminate the habitat of rodents and other small mammals, which serve as hosts for ticks as well as serve as prime tick habitat.

To prevent tick bites when in areas where ticks might be active: Wear light-colored clothes, including a long-sleeved shirt tucked into your pants and long pants tucked into your socks or boots. Apply a tick repellent according to label instructions. Wear footwear and clothing that have been treated correctly with permethrin. These can be purchased through many outfitters and clothing companies. Do frequent tick checks of your body while outside, and do a thorough inspection at shower time. Protect your pets with an anti-tick product recommended by a veterinarian. Keep dogs on a leash, and avoid allowing them into weedy areas.

If you find a tick attached, do the following: Do not crush or puncture it. Grasp the tick as close to the skin as possible using pointy tweezers or a tick removal tool. Pull straight up and out with steady, even pressure. Thoroughly wash the bite site, your hands, and the tweezers or removal tool with warm soap and water. Place the tick in a container with rubbing alcohol or hand sanitizer. Record the day the tick was likely to have attached. Take the specimen with you to a healthcare professional if you develop flu-like symptoms, a rash, or anything that is unusual for you.

If you think you might have been exposed to a tick bite, contact your physician right away to get a diagnosis. It's very important to receive the appropriate treatment as soon as possible.

More information on ticks can be found on ohioline fact sheets at <https://ohioline.osu.edu>. More information on tick safety can be found at <https://u.osu.edu/bite/ticks>.

Is it Time for a Watering Plan?

by **Connie Smith, Master Gardener Coordinator**

Lack of rainfall, prolonged record heat, and drying windy weather can create drought-like conditions in gardens and landscapes. As the temperatures continue to rise it is always good to have a watering plan.



TREES, SHRUBS, PERENNIALS - These include newly planted woody trees and shrubs; they need a thorough soaking throughout their root zones approximately once a week, assuming it has not rained that week. Newly planted perennials, rosebushes, and perennial vines also require attention. Water the base of plants to avoid getting leaves wet and reduce foliar diseases. Consider the use of soaker hoses or drip irrigation. Water deeply and less often to promote deeper, healthy roots. Add 2-3 inches of shredded bark to the root zones of trees and shrubs to keep valuable moisture from evaporating. Mulch perennial or mixed borders with finely shredded material or compost that retains moisture and improves soil texture.

LAWNS - Lawns actually need less water than we think. Turf grass can go dormant. It will turn yellow, but the crown of the plants will remain alive with just ½ inch of water over several weeks. Grass will green up as soon as normal rainfall returns. Consider raising your mower height to 3-3.5 inches to result in a denser, healthier lawn.

VEGETABLE GARDEN - The vegetable garden needs one inch of rain per week. By using a simple rain gauge or following weather reports, you can determine if your garden received one inch of rain over the past week. For a 100 square-foot area, one inch of rain is 62 gallons. Figure out the actual size of your garden by measuring length and width in feet. Multiply those numbers to get total square footage. If a garden is 20 feet by 30 feet, after a week

without rain, it would need 372 gallons of water. You might receive rain, but not a full inch, over the course of the week. If it rained twice, but the total amount of rain was only three-eighths of an inch, you would need to supply the other five-eighths of an inch of rain. Water gardens on sandy soils twice a week, supplying one-half inch of water (31 gallons per 100 square feet) each time.

HANGING BASKETS and CONTAINER PLANTINGS -

Daily or even twice-daily watering may be necessary. If the potting mix feels dry one inch below the surface, it is time to water. Apply water until it runs out the drainage holes. If the pot dries out too much you should immerse it in water to resoak the soil mix. Containers will need frequent checking as the plants grow and temperatures become hotter.

Frequent watering flushes nutrients from the soil quickly, so frequent fertilizing is also necessary. Liquid fertilizers or timed-release fertilizers are the easiest methods of application. Time-release fertilizer pellets can be mixed into the soil at planting or worked into the top inch later. The soil in the container should be moist when fertilizer is applied, even liquid fertilizer. Feed baskets and boxes every two weeks from spring through summer with a complete liquid fertilizer diluted to half-strength.

WHEN TO WATER - Knowing when to water is key. Early morning is optimal to allow leaves to dry and reduce foliar diseases. Feel the top six inches of soil. Dry? Time to water. By watering in the morning, their foliage will have a chance to dry completely during the day before being moistened again from nighttime dew.

Some gardeners place a small can or other measuring gauge within the root zone of a tree so they can see when one inch of water has accumulated. The root zone is a circle that runs around the tree, extending from the trunk directly outward to the end of the lowest branch tips. The most effective watering devices are the slow soaker or drip hoses, plastic tree bags, or the small sprinklers that distribute water close to the ground, reaching the entire root zone.

Black Knot Fungus

by Dianna Wears, Master Gardener 2011



It is amazing what you learn being a Master Gardener. Not always because of the excellent training we receive, but when others who know you are a Master Gardener ask questions and you must do some research to answer their question.

This time, the question came from my mom about something in an ornamental tree. She had already asked my brother who had worked at a garden center while he was in high school. He was a football player and I suspect he was hired more for his brawn than his brains! My brother told her it looked like dog poop. In a tree!??? She posed the question to me over the phone and I said maybe racoon poop, but I couldn't imagine dog poop in a tree. I told her I would look the next time I was there.

Lo and behold, it did appear like dog poop, but I knew that wasn't possible, and besides, there was too much of it to be poop! I don't think there were too many branches that weren't affected. I told her that I thought it was some kind of fungus and that I would find out what it was and let her know.

This is where the internet really comes in handy. Within moments, I had the answer: it was a fungus known as black knot fungus, *Apiosporina morbosa*, formerly referred to as *Dibotryon morbosum*. It commonly affects trees in the plum and cherry families (genus *prunus*). My mom's tree was an ornamental plum of some variety.

The spores are spread by the wind and rain splashes. The first year, the fungus can be hard to identify, as it starts as a small knot or gall on a branch. The second year, it begins to look more like "dog poop" on the branches.

If caught early, the affected branch should be cut at least six inches below the fungus and destroyed, either by fire or sending to the landfill. Pruning tools should be sanitized with a 70% alcohol solution after every cut to avoid the possibility of reinfection. If a tree is small enough, it can be sprayed in early spring with a fungicide containing captan, chlorothalonil, thiophanate-methyl or lime sulfur. There are several brand names on the market, such as Bonide, Captan, Daconil and others. It should continue to be sprayed regularly until the new shoots have matured.

In my mom's case, the tree had fungus on nearly every branch. As she had just planted two new cherry trees in the vicinity, I told her the tree needed to be removed sooner rather than later. She called an arborist who cut down and removed the tree, ground the stump, and recommended that she drench the entire root area of the soil with fungicide.

Unfortunately, her landscape lost a nice sized ornamental tree, but hopefully, it has saved her cherry trees from infection, although the origins of the initial infection could be miles away, even in another county or state. We'll never know, but she will know what to look for and watch her cherry trees for signs of infection in the future.

Another Master Gardener lesson learned!

No More Victory Garden seeds Available

Please note OSU Extension in Fairfield County has given away all their supply of free Victory Garden Seeds for 2023. We do not anticipate receiving another supply of seeds until the Spring of 2024.



GARDEN DESTINATIONS

A Trip to the Burgh

by **Barbara Kochick, Master Gardener 2013**

A trip to the Phipps Conservatory in Pittsburgh, PA is give or take three hours from our location. Doable in a day with a lot of driving but with an overnight stay there are other garden delights within the immediate area that make for a very enjoyable gardening itinerary.

First, the conservatory itself, listed on the National Registry of Historic Places founded by Henry Phipps and gifted to the city in 1893 “to erect something that would prove a source of instruction as well as pleasure to the people.” Amazingly this glass palace consisting of nine display rooms was completed after only one year and opened to the public. As you walk through the now fourteen themed rooms and twenty-three distinct gardens you feel as if you have been transported to another world. The lush tree cover and beautiful plants create a calm atmosphere. Wear your walking shoes as there are fifteen acres to cover. Tickets are timed and available only online. This is a world-class garden experience!



The Phipps Conservatory

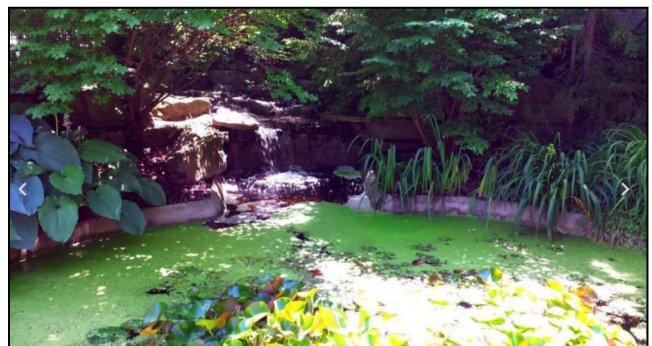
Within a ten minute drive you can arrive at Clayton, the Pittsburgh home of Henry Clay Frick. The complex is today known as The Frick Pittsburgh. Helen Frick lived in the home, perfectly preserving it, until her death in the

1980's. She donated several tracks of land in the area to be used as conservatories and public parks. There is a small glass conservatory to tour and the family gardens featuring the vegetables grown for their kitchen. The carriage museum features many of the family vehicles used over the decades. The art museum on the property was built to house her personal collection but also features revolving exhibits. These are all free. House tours are given on a schedule for a fee. Tickets are recommended in advance as the tours sell out.



The Frick House

The last stop on this tour is the close by Rodef Shalom Biblical Botanical Garden open June 4 through September 15. Here attached to the synagogue is a replica of ancient Israel with more than 100 tropical plants. The garden features plants mentioned in the Bible and plants with biblical names, such as “Jacob’s Ladder.” It is the largest biblical garden in North America and free to the public. A docent tour can be scheduled and an audio guide is available for self guided tours. Enjoy the trip!



Miniature Sea of Galilee—Rodef Shalom Biblical Botanical Garden

GARDEN DESTINATIONS

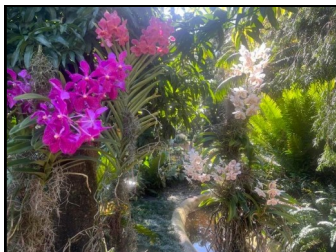
Visiting Reciprocal Gardens Through Franklin Park Conservatory Membership

by Pam Jarvis, Master Gardener 2005

One thing we love about retirement is the freedom to travel. Our Franklin Park Conservatory family membership is worth way more than the money we spend. Reciprocal gardens where we can get in for free are found all over the U.S. We recently vacationed in Weston, Florida. I highly recommend Edison and Ford's Winter Estate in Fort Meyers and Flamingo Gardens in Davie, Florida.

Edison tested more than 17,000 different plants in search of plants that would replace natural rubber for making tires. He struck gold with the banyan tree. There are 20 acres of botanical gardens, the two winter homes, Edison's laboratory, old Ford cars, and succulent, citrus, and rose gardens. This experience was worth driving two hours across the Everglades on alligator Alley!

Flamingo Gardens covers 60 acres and has some of the largest trees of their species in the state of Florida, known as the Florida Champion Trees. Orchids galore were along all the pathways. These gardens are also a wildlife sanctuary for Florida native animals who have been rescued and are non-releasable. There is an entertaining wildlife show, the Wray home depicting 1930's living, an art gallery and flamingos you can feed!



Flamingo Gardens



Statue of Thomas Edison under the Banyan Trees

FEATURED BOOK

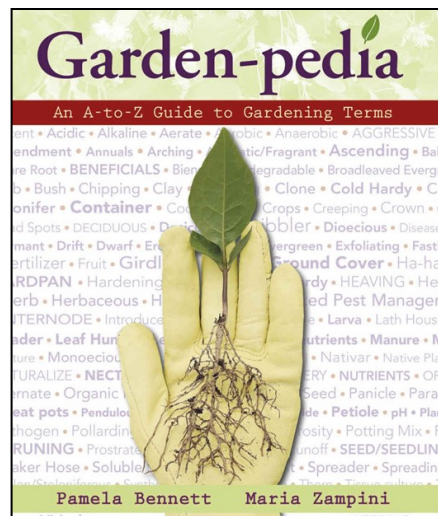
Garden-Pedia by Pam Bennett & Maria Zampini

Reviewer: Barbara Kochick, Master Gardener 2013

Did you know that our very own Pam Bennett is an author? She and her friend and colleague Maria Zampini have compiled a valuable reference for new and experienced gardeners. Maria grew up in a wholesale and retail family nursery. She often noticed the folks hired to work there were well versed in raising plants but not in the “lingo” involved. She headed into a career writing about gardening in all of its forms. This continually led her back to the questions of terminology. She ran the idea of an easy to read reference by Pam who thought that this would also be of great use to Master Gardener Volunteers. So their collaboration began.

They narrowed the terms to 300 plus of the most commonly asked about and the most useful. The definitions are clearly delineated and easily understood. In addition there are multiple photos and illustrations that give a clear visual of the term. Scientific names are used throughout and are printed in italics for clarity.

This book is indeed a handy reference for Master Gardener Volunteers and any other dedicated gardener. A great resource!



DID YOU KNOW?

Hardpan & Double digging

source: Garden-pedia by Pamela Bennett & Maria Zampni

Hardpan: A layer in the soil that roots and water cannot penetrate.

Chances are, all gardeners have tried to dig through hardpan before, with futility. There are different reasons why a hardpan forms; one of the most common causes is using a rototiller or similar type of machine too often. The tiller will keep the top layer of soil loose, but beneath the depth of the blades the continual tilling leads to compaction- and eventually a layer of soil that is impenetrable. This layer can be broken up by double digging.



Double Digging: A method used to prepare the garden bed for planting.

We bow down to anyone who has prepared a garden bed by double digging! Anyone who has done this knows what we mean because it's no easy task. It's an old English method of preparing a bed where you dig a trench about two feet deep and put the soil into a wheelbarrow for later. Next to this trench, you take out the top one foot of soil (about a foot wide) and place it in the bottom of the first trench, then take the next one foot of soil from the bottom and put it on top of the bottom of the first trench. Keep doing this until you are either dead tired or the garden bed is ready to go! *Hint:* you will be dead tired anyway, but hats off to you!



SPECIAL UPCOMING EVENT

Let's Preserve Series 2023

source: Fairfield County OSU Extension calendar



Are you planning to preserve summer produce? Join us for any or all of the following preserving programs presented by Shannon Carter, Family and Consumer Sciences Educator and Sandy Bohl, Instructor, with Ohio State University Extension Fairfield County. Classes will be offered in person at both Keller Market House and the Pickerington Library-Sycamore Plaza. There is no cost for attendance, but registration is requested to reserve your space. Contact Shannon Carter, carter.413@osu.edu or 740-653-5419.

KELLER MARKET HOUSE

134 S. Columbus Street, Lancaster, OH

- **Canning Basics (water bath/pressure)**
June 8 (Thurs.), 6 p.m. - 7:30 p.m.
- **Freezing**
July 20 (Thurs.), 6 p.m. - 7:30 p.m.
- **Dehydrating**
August 10 (Thurs.) 6 p.m. - 7:30 p.m.

Registration: go.osu.edu/FCFoodPreservation

PICKERINGTON LIBRARY—SYCAMORE PLAZA

7861 Refugee Road, Pickerington, OH

- **Canning Basics (water bath/pressure)**
June 6 (Tues.), 6 p.m. - 7:30 p.m.
- **Freezing**
July 18 (Tues.), 6 p.m. - 7:30 p.m.
- **Dehydrating**
August 8 (Tues.) 6 p.m. - 7:30 p.m.

To register, call the Sycamore Plaza Library at 614-837-4383.

In and Around the Garden—You Won't Want to Miss It!

Mark your calendars with these important dates and upcoming activities and events!

UPCOMING SUMMER EVENTS

Bus Trip—To Visit Gardens in Central Ohio

June 22 (Thurs.), 8:45 a.m. - 5:30 p.m.

Depart from Ag Center

Cost: \$10; Registration deadline: June 16

For details or to register contact OSU Extension at 740-653-5419.

Gluten Free Eating

June 27 (Tues.), 12 p.m. - 1 p.m.

Keller Market House, 135 S. Columbus St., Lancaster, OH

Cost: \$8; To register: <https://go.osu.edu/fcglutenfree>

Call OSU Extension at 740-653-5419 or contact Shannon Carter, carter.413@osu.edu.

Walking Tour of Wagnall's Gardens

June 27 (Tues.), 6:30 p.m. - 8 p.m.

150 E. Columbus St., Lithopolis, OH

Cost: Free; No registration required

Contact Pam Jarvis, pamelalynnjarvis@gmail.com or Connie Smith, smith.3204@osu.edu

Garden Pests

June 28 (Wed.), 6 p.m. - 7:30 p.m.

Fairfield County District Library, 219 N. Broad St., Lancaster, OH

Cost: Free; To register:

<https://fcdlibrary.libnet.info/event/8464854>

Contact Carrie Brown, brown2766@osu.edu

Who's Who in Your Backyard Garden—Common Garden Insects

July 10 (Mon.), 6 p.m. - 7:30 p.m.

Pickerington Library—Sycamore Branch, 7861 Refugee Road, Pickerington, OH

Cost: Free; To register:

<https://pickeringtonlibrary.libnet.info/event/8301825>

Contact Carrie Brown, brown2766@osu.edu

Master Gardener Meeting (Ag Center)

The Needs of Food Banks in Fairfield County with Jeannette Curtis

July 13 (Thurs.), 1p.m. - 3 p.m.

Local Foods Week in Fairfield County

August 7-11

Details and event locations to be released soon

Planting for Pollinators in Your Home Landscape

August 30 (Wed.), 6 p.m. - 7:30 p.m.

Pickerington Library—Sycamore Branch, 7861 Refugee Road, Pickerington, OH

Cost: Free; To register:

<https://pickeringtonlibrary.libnet.info/event/8317782>

Contact Carrie Brown, brown2766@osu.edu

Fairfield County OSU Extension will be closed for:

Juneteenth Holiday—June 19

July 4th Holiday—July 4

Labor Day Holiday—September 4

Through the Vine is a publication of the Ohio State University Extension Office in Fairfield County

Lisa Stoklosa, Fairfield Master Gardener Volunteer Editor

For more information contact:

Connie Smith, Master Gardener Coordinator and OSU Extension ANR Program Assistant

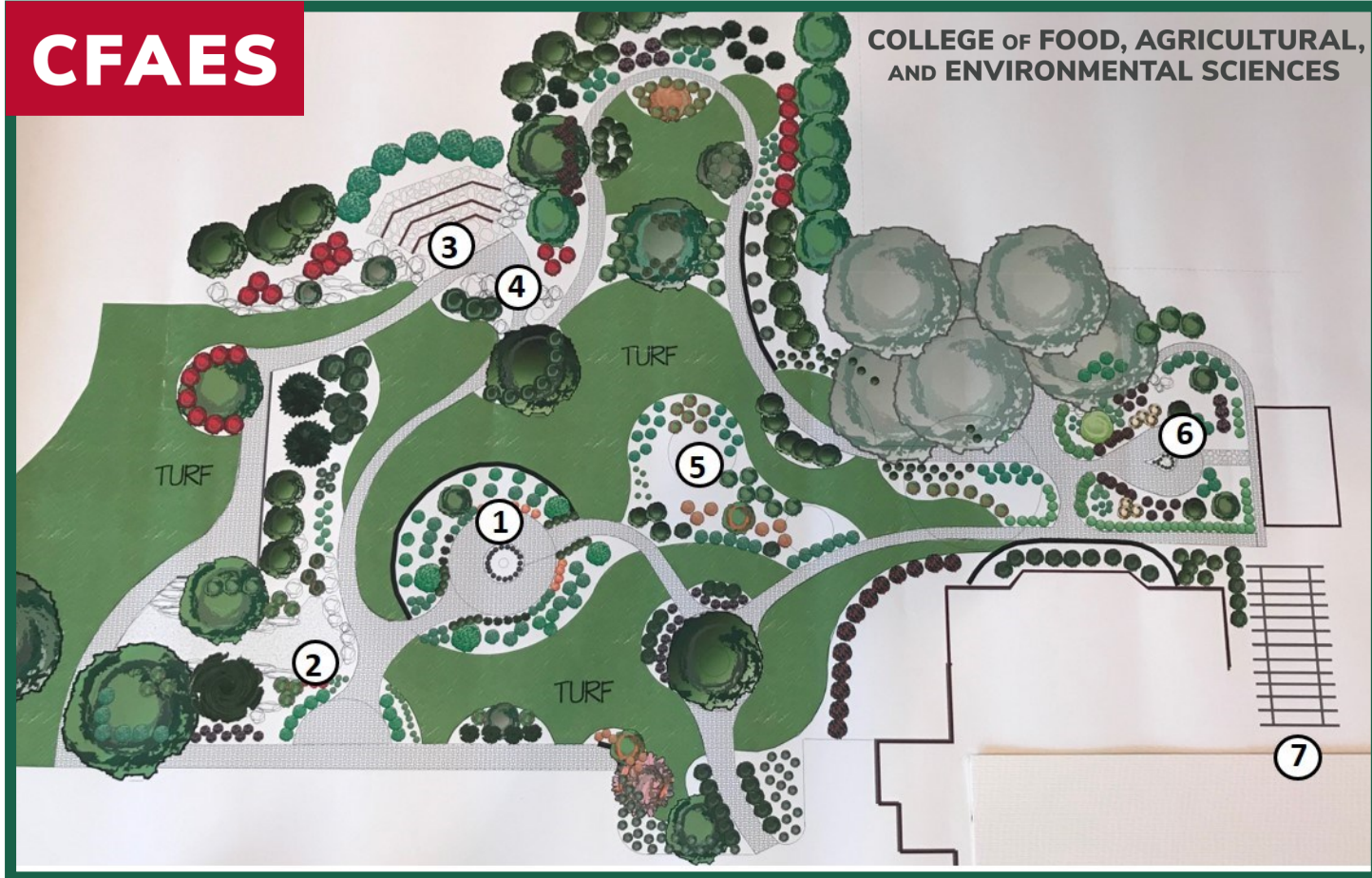
smith.3204@osu.edu — 740. 652. 7267

For the latest information and news about OSU Extension in Fairfield County, including the Master Gardeners of Fairfield County, visit <http://fairfield.osu.edu/>



Ohio Master Gardener Program Mission

We are Ohio State University Extension trained volunteers empowered to educate others with timely research-based gardening information.



A Walking Tour of Wagnall's Gardens

Want to learn more about the Gardens at Wagnalls Memorial Library?

Would you like to talk with the folks who are caring for the plantings?

Be inspired to learn more about plants to incorporate in your own landscape?

Join the Fairfield County Master Gardener Volunteers for a guided walking tour of the gardens.

When: Tuesday, June 27, 2023, 6:30 - 8:00 p.m.

Cost: Free and open to all interested gardeners, no registration required

Location: 150 E Columbus St, Lithopolis, OH

Contact: Pam Jarvis at pamelalynnjarvis@gmail.com or
Connie Smith at smith.3204@osu.edu



THE OHIO STATE UNIVERSITY
EXTENSION

fairfield.osu.edu

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2024 Master Gardener Volunteer Training

The OSU Extension Master Gardener Program is a premier statewide network of volunteer education and leadership development; as well as a consumer horticulture education delivery system that maximizes human, material, and natural resources, and values teamwork and excellence in educational programming.



There are many exciting opportunities for continuing education and camaraderie, and this has helped OSU Extension to develop a corps of dedicated volunteers. Volunteers are an important component of the OSU Extension system.

The Master Gardeners' knowledge, experience and enthusiasm have become essential to Extension education of consumer horticulture in the state of Ohio.



What: A 6-week training program that provides a balanced, integrated practical course in plant science.

When: Friday, April 5, 2024 Friday, April 12, 2024 Friday, April 19, 2024
Friday, April 26, 2024 Friday, May 3, 2024 Friday, May 10, 2024
Each session will be approximately 9:30 a.m.—3:30 p.m.

Cost: \$150.00, includes reference manual

Where: 831 College Ave, Lancaster, OH 43130

Contact: Connie Smith, Fairfield County Master Gardener Coordinator
740-277-4632 or smith.3204@osu.edu



**The Fairfield County Master Gardener
Program provides leadership to:**

Fairfield County Ag Center Gardens

Entrance Gardens

Fairfield County Fairgrounds

Master Gardener Educational Display &
Community Engagement Activities

Sherman House Teaching Gardens

The Georgian Gardens

Tranquility Gardens @ FMC

Wagnalls Garden Renovation Project

Learning Never Ends -
Lancaster & Pickerington



The formal training program is the responsibility of the Fairfield County Extension professionals. Instructors are Ohio State University faculty, Extension Specialists, Extension Associates, experienced Master Gardeners, and other experts.

Statewide Mission Statement

We are Ohio State University Extension-trained volunteers empowered to educate others with timely research-based gardening information.



THE OHIO STATE UNIVERSITY

COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES

Fairfield County

831 College Avenue, Suite D

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e-mail: smith.3204@osu.edu

Visit us online at: <https://fairfield.osu.edu>

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CFAES

**COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES**

**2024 Master
Gardener Training
Fairfield County**



**The Fairfield County
Master Gardeners**

are looking for a few good
volunteers. If you enjoy
learning, gardening and
sharing with others...we
want YOU!!

MASTER



GARDENER



V*O*L*U*N*T*E*E*R*S



**THE OHIO STATE
UNIVERSITY**

EXTENSION

WHAT IS THE MASTER GARDENER PROGRAM?

The OSU Extension Master Gardener Program is a premier statewide network of volunteer education and leadership development; as well as a consumer horticulture education delivery system that maximizes human, material, and natural resources, and values teamwork and excellence in educational programming.

There are many exciting opportunities for continuing education and camaraderie, and this has helped OSU Extension to develop a corps of dedicated volunteers. Volunteers are an important component of the OSU Extension system.

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Continuing Education Class



TRAINING

The training program provides a balanced, integrated practical course in plant science. Core topics that are to be part of the training in every county are oriented to Extension and the Master Gardener Program:

- ❖ Basic Botany
- ❖ Soils
- ❖ Entomology
- ❖ Plant Pathology
- ❖ Plant Propagation
- ❖ Herbaceous Ornamentals
- ❖ Woody Ornamentals
- ❖ Lawns
- ❖ Vegetables
- ❖ Herbs
- ❖ Fruits
- ❖ Pollinators
- ❖ Integrated Pest Management
- ❖ Pesticide Safety
- ❖ Backyard Wildlife
- ❖ Houseplants
- ❖ Therapeutic Horticulture

VOLUNTEER COMMITMENT

The Master Gardener training course consists of a minimum of 50 hours of instruction. An equivalent number (50) of horticulturally significant volunteer hours is required to become a certified Master Gardener.

2024 TRAINING PROGRAM

The 6-week training program is being planned for Fairfield County to begin Friday, April 5, 2024, 9:30 a.m.-3:30 p.m.

Approximate cost of the class will be \$150.00 which includes reference manual.

Many of the classes will be held at the Fairfield County Agriculture Center located at 831 College Avenue, Lancaster. For more information or details, please contact Connie Smith, Fairfield County Master Gardener Coordinator at 740-277-4632.

For more information contact:

OSU Extension
Fairfield County
831 College Avenue
Lancaster, OH 43130
740-653-5419

