

# WEED 'EM AND REAP

THE NEWSLETTER OF THE DELAWARE COUNTY MASTER GARDENER ASSOCIATION | NOV/DEC 2021

## EXECUTIVE BOARD

### Sarah Kreps

President

sjkreps14@gmail.com

### Martha McClurg

1st Vice President

martha.n.mcclurg@gmail.com

### Sylvia Finney

2nd Vice President

sfinney5215@hotmail.com

### Paula Sampson

Secretary

psampson@bsu.edu

### Dottie Kreps

Treasurer

dkreps1918@gmail.com

### Julia Mason

Historian

m.julie.mason@gmail.com

### Chris Allen

Member-at-Large

ccallen1@gmail.com

### Debbie Cowan

Member-at-Large

debbiecowan14049@gmail.com

## QUESTIONS?

Contact the helpful staff of the Delaware Co. Extension Office  
100 W. Main Street, Room 202  
Muncie, IN 47305-2879  
Phone: 765.747.7732

## NEWSLETTER SUBMITTALS

To submit an article for the upcoming newsletter or to report an error in the publication, please email [kdkoger@gmail.com](mailto:kdkoger@gmail.com) by the 15th of each month.

## Upcoming Meeting

The Delaware County Master Gardener Association (DCMGA) will take a short hiatus during the winter holiday season. However, we will resume our monthly meetings on **Wednesday, January 26, 2022**.

We anticipate meeting in person at Minnetrista at 7:00 PM. Remember to check your email for more information about the next meeting as it becomes available. You can email [delcomg1@gmail.com](mailto:delcomg1@gmail.com) with questions.

## MEMBERSHIP REMINDERS

As the year comes to an end, don't forget to complete these three simple steps to maintain your active Extension Master Gardener status:

### STEP 1:

Report 6 volunteer and 6 education hours to the Purdue EMG website.

### STEP 2:

Sign the annual Purdue EMG Policy Guide and Agreement Form. This form can be accessed by logging on to the Purdue EMG website.

### STEP 3:

Complete and return the DCMGA Membership Form along with your \$10 annual membership fee to Treasurer Kate Bell by December 31st.

Please contact Kate Bell with questions about membership fees. Please contact the Purdue Extension - Delaware County office if you need assistance recording your volunteer and education hours.



Follow us on Facebook!  
[@DelcoMGAssociation](https://www.facebook.com/DelcoMGAssociation)

Remember to report your volunteer and educational hours at  
[www.purdue.edu/hla/sites/master-gardener](http://www.purdue.edu/hla/sites/master-gardener)



Stay connected with the DCMGA by visiting [delcomastergardener.org](http://delcomastergardener.org) to learn more about upcoming activities, view photos from recent events, and read the latest edition of the newsletter.

It is the policy of the Purdue University Cooperative Extension Service that all persons have equal opportunity and access to its educational programs, services, activities, and facilities without regards to race, religion, color, sex, age, national origin or ancestry, marital status, parental status, sexual orientation, disability or status as a veteran. Purdue University is an Affirmative Action institution. This material may be available in alternative formats.

# Monthly Gardener Checklist

December 2021

– written by Rosie Lerner, Extension  
Consumer Horticulturist, Purdue University

## HOME (Indoor plants and activities)

- Check houseplant leaves for brown, dry edges, which indicates too little relative humidity in the house. Increase humidity by running a humidifier, grouping plants or using pebble trays.
- Extend the lives of holiday plants such as poinsettias and Christmas cactus by placing them in a cool, brightly lit area that is free from warm or cold drafts.
- Houseplants may not receive adequate light because days are short and gloomy. Move plants closer to windows, but avoid placing foliage against cold glass panes. Artificial lighting may be helpful.
- Because growth slows or stops in winter months, most plants will require less water and little, if any, fertilizer.
- If you are forcing bulbs for the holidays, bring them into warmer temperatures after they have been sufficiently precooled. Bulbs require a chilling period of about 10 to 12 weeks at 40 degrees F to initiate flower buds and establish root growth. Precooled bulbs are available from many garden suppliers, if you did not get yours cooled in time. Then provide two to four weeks of warm temperature (60 degrees F), bright light and moderately moist soil to bring on flowers.
- When shopping for a Christmas tree, check for green, flexible, firmly held needles and a sticky trunk base – both indicators of freshness. Make a fresh cut, and keep the cut end under water at all times.
- Evergreens, except pines and spruce, can be trimmed now for a fresh supply of holiday greenery.

## YARD (Lawns, woody ornamentals and fruits)

- Prevent bark splitting of young and thin-barked trees, such as fruit and maple trees. Wrap trunks with tree wrap, or paint them with white latex (not oil-based) paint, particularly on the south- and southwest-facing sides. Remember to remove trunk wrap at the end of winter.
- Protect shrubs such as junipers and arborvitae from extensive snow loads by tying their stems together with twine. Carefully remove heavy snow loads with a broom to prevent limb breakage.
- Protect broadleaves, evergreens or other tender landscape plants from excessive drying (desiccation) by winter sun and wind. Canvas, burlap or polyethylene plastic screens to the south and west protect the plants. Similarly, shield plants from salt spray on the street side.
- Provide winter protection for roses by mounding soil approximately 12 inches high to insulate the graft union after plants are dormant and temperatures are cold. Additional organic mulch such as straw compost or chopped leaves can be placed on top.
- To protect newly planted or tender perennials and bulbs, mulch with straw, chopped leaves or other organic material after plants become dormant.
- Store leftover garden chemicals where they will stay dry, unfrozen and out of the reach of children, pets and unsuspecting adults.
- Once the plants are completely dormant and temperatures are consistently below freezing, apply winter mulch to protect strawberries and other tender perennials. In most cases, 2 to 4 inches of organic material such as straw, pine needles, hay or bark chips will provide adequate protection.
- Check produce and tender bulbs in storage, and discard any that show signs of decay, such as mold or softening. Shriveling indicates insufficient relative humidity.
- Clean up dead plant materials, synthetic mulch and other debris in the vegetable garden, as well as in the flowerbeds, rose beds and orchards.
- Make notes for next year's garden.

# Treasurer's Report

## Kate Bell, Treasurer



Date of Report: 11/11/2021		1/31/21	2/28/21	3/31/21	4/30/21	5/31/21	6/30/21	7/31/21	8/31/21	9/30/21	10/31/21	11/30/21	Total
Balance Brought Forward		\$12,298.57	\$12,298.67	\$12,365.76	\$12,365.86	\$11,767.96	\$15,597.85	\$15,597.98	\$15,731.11	\$15,686.75	\$15,073.78	\$14,928.91	
Income		\$0.10	\$67.09	\$0.10	\$10.10	\$4,657.11	\$0.13	\$283.13	\$0.13	\$130.13	\$170.13	\$130.00	\$5,448.15
Expenses		\$0.00	\$0.00	\$0.00	\$608.00	\$827.22	\$0.00	\$150.00	\$44.49	\$743.10	\$315.00	\$0.00	\$2,687.81
Balance On Hand		\$12,298.67	\$12,365.76	\$12,365.86	\$11,767.96	\$15,597.85	\$15,597.98	\$15,731.11	\$15,686.75	\$15,073.78	\$14,928.91	\$15,058.91	
Income	Goals												
Annual Master Gardener Dues	\$600.00				\$10.00					\$130.00	\$170.00	\$130.00	\$440.00
Garden Walk	\$400.00												\$0.00
Growing Through Gardening	\$1,000.00												\$0.00
Kids Camp ~ Future MG	\$300.00												\$0.00
Kids Camp ~ Mini MG	\$300.00												\$0.00
Plant Sale	\$2,500.00					\$3,557.00		\$8.00					\$3,565.00
Walmart Volunteer Grant	\$1,000.00												\$0.00
Wassons Sponsorship~Take Out Gardens	\$500.00					\$500.00							\$500.00
Bank Interest		\$0.10	\$0.09	\$0.10	\$0.10	\$0.11	\$0.13	\$0.13	\$0.13	\$0.13	\$0.13		\$1.15
Miscellaneous & Clearing Acct			\$67.00			\$600.00		\$275.00					\$942.00
<b>Total</b>	<b>\$6,600.00</b>	<b>\$0.10</b>	<b>\$67.09</b>	<b>\$0.10</b>	<b>\$10.10</b>	<b>\$4,657.11</b>	<b>\$0.13</b>	<b>\$283.13</b>	<b>\$0.13</b>	<b>\$130.13</b>	<b>\$170.13</b>	<b>\$130.00</b>	<b>\$5,448.15</b>
Expenses	Budget												
Bucket Community Garden	\$250.00												\$0.00
Childrens Museum	\$200.00												\$0.00
Farm Fest	\$200.00												\$0.00
Farmers Market	\$200.00				\$125.00								\$125.00
Garden Fair	\$100.00				\$25.00				\$4.50				\$29.50
Garden Walk	\$300.00												\$0.00
Growing Through Gardening	\$1,000.00												\$0.00
Kids Camp ~ Future MG	\$650.00												\$0.00
Kids Camp ~ Mini MG	\$650.00					\$20.72			\$34.66				\$55.38
Plant Sale	\$500.00				\$100.00	\$56.50			\$5.33		\$50.00		\$211.83
Scholarship ~ MG Training	\$300.00									\$175.00			\$175.00
Tree Planting Event	\$300.00												\$0.00
Washington Street Festival	\$100.00												\$0.00
New Events	\$200.00												\$0.00
Association Expenses													
Banquet	\$500.00												\$0.00
Board Expenses	\$100.00				\$297.00								\$297.00
Booklets	\$150.00												\$0.00
Donations & Sponsorships	\$350.00				\$11.00								\$11.00
Fall Potluck	\$150.00												\$0.00
Hospitality	\$100.00												\$0.00
Insurance	\$350.00									\$319.00			\$319.00
Marketing & Event Supplies	\$500.00												\$0.00
*Marketing ~ Take Out Gardens	\$500.00									\$249.10			\$249.10
Meeting Facilities & Speakers	\$250.00				\$50.00	\$150.00		\$150.00					\$350.00
Postage	\$50.00												\$0.00
Printing & Copies	\$50.00												\$0.00
Purdue Extension Expenses	\$150.00												\$0.00
Website Hosting & Maintenance	\$250.00										\$265.00		\$265.00
Miscellaneous & Clearing Acct	\$0.00					\$600.00							\$600.00
<b>Total</b>	<b>\$8,400.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$608.00</b>	<b>\$827.22</b>	<b>\$0.00</b>	<b>\$150.00</b>	<b>\$44.49</b>	<b>\$743.10</b>	<b>\$315.00</b>	<b>\$0.00</b>	<b>\$2,687.81</b>

### Growing a Greener World New Ways of Growing Our Favorite Vegetables



Join host Joe Lamp'1 along with author, horticulturist, and lifelong gardener Brie Arthur as they explore some unorthodox methods of gardening that can give gardeners surprising results.

Watch the episode here:  
[www.youtube.com/watch?v=39kZJ1F7mV8](http://www.youtube.com/watch?v=39kZJ1F7mV8)

## Purdue Extension Master Gardener Volunteers Working with Minors Certification

### Training Overview

The Purdue University Office of the Vice President for Ethics and Compliance has implemented campus-wide policies related to programs involving minors. These policies are designed to ensure the protection of minors who participate in any University-supported program or activity.

### Who Should Complete the Training?

All Purdue University adult and youth volunteers - including Extension Master Gardeners - who work or plan to work with minors should complete this training. The training includes watching two 7 to 8-minute videos and completing a short survey.

To begin the certification process, visit:  
[https://purdue.ca1.qualtrics.com/jfe/form/SV\\_bOEB8CsBwI7SE8I](https://purdue.ca1.qualtrics.com/jfe/form/SV_bOEB8CsBwI7SE8I)

# Meeting Minutes

## Wednesday, October 27, 2021



### EDUCATION LECTURE

Twenty-eight Extension Master Gardeners and guests were present for the October meeting.

President Sarah Kreps began the evening by introducing the guest speaker, Ryan Hammer. Ryan is the CEO and co-owner of Crazy Horse Hops in Knightstown, Indiana. Ryan is a founding member of the Indiana Hops Grower Association and a board member for the Purdue Advisory Board on Hops.

photo: Facebook/Crazy Horse Hops



Based in Knightstown, Crazy Horse Hops is Indiana's largest commercial producer of hops.

Ryan elaborated on his background as a hops grower. Ryan grew up in Knightstown but moved to Middle Tennessee for his post-secondary education. Ryan aspired to become a recording artist. After graduation, Ryan moved back to Indianapolis and worked for a local news broadcasting company. Ryan said that he became interested in growing hops after listening to and becoming acquainted with several Indianapolis brewers who were special guests on the show. Together, with his grandfather and wife, Ryan planted a small test plot of Chinook and Cascade hops in Henry County in 2012.

Seeing the success after the first few years, Ryan connected with high-school friend Josh Martin and local dentist Dr. Todd Kaminski in 2015 to officially establish Crazy Horse Hops. With Josh's background in Marketing and Agri-business, and Dr. Kaminski's financial support, Crazy Horse Hops has been able to expand their operations over the

last half decade to become the largest suppliers of hops for the beer industry.

Ryan's presentation was titled 'Midwest Hop Production' and explored the process to grow, harvest, process, and distribute hops in Indiana.

Ryan began the presentation by describing the botany of hops. Hops are comprised of perennial roots and annually above-ground foliage. Hops are dioecious – meaning that there are separate male and female plants.

Commercial hops are grown from the root cuttings (rhizomes) or the red nodules (corms). Most of the hop plants used in the industry are female. The unpollinated female flowers (cones) are harvested and used in the brewing process. The Lupulin glands on the cones contain hop oils. These oils are what adds the various flavors to the beer.

The male hop plants are only used to create new hop varieties through hybridization. About 70 different varieties of hop plants are currently used in commercial production. It takes 10 to 15 years to produce a new variety of hop seed for commercial production.

Seeds are undesirable in normal production. Hops are sold by the pound and the seeds produce extra weight.

Planting traditionally occurs between April and May each year. The lifespan of a hop plant is typically 8 to 20 years.



Ryan Hammer (right) with co-founders Josh Martin and Dr. Kaminski pose for a photo between rows of hops.

photo: Rhinegeist



Hop shoots are trained to grow up strings connected to a large trellis system of vertical poles. These poles can be as tall as 18-25' Ryan indicated that Crazy Horse Hops uses 18' poles. The vines are trained up the trellis system by hand from Late May through early June. The structure inside the root shoots are hollow.

The hop vines grow vertically until Summer Solstice. After the plants complete their vertical growth, they begin to produce horizontal branches called "side arms" and set burs (flowers). This cycle begins late June and continues through early July.

Harvesting occurs between August and September. The exact harvest time depends on the specific hops variety. Ryan indicated that growers aim to achieve 18-20% dry matter and 80-82% moisture content at time of harvest.

Ryan described the distribution of hops growers in North America. Ryan stated that nearly 90-95% of hop production occurs in Oregon and Washington State. These states are ideal for hops cultivation because hops like a lot of water late in the growing season. Hops are also grown in the upper Midwest and New England region. Ryan said that there has been an increase in production in the upper Midwest and New England due to the increased popularity of the craft beer market. Michigan is the center of production in the Midwest with over 800 acres. Indiana has under 100 acres of hops production. Ryan noted that Crazy Horse Hops sells to about 45 customers across the Midwest.

Once harvested, hops are taken through a post-harvesting process. The overall quality of hops must remain high throughout this phase. Ryan said that there are over 100 ways you could mess up

your crop during this period – including having the hops become too dry or too wet, moldy, or infested with insects.

After picking, the hops are baled and then paced in cold storage where temperatures reach 38-degrees F. The hops are then pelletized, nitrogen-flushed, and vacuum sealed. The pelletized hops are placed back into cold storage where they can maintain a 1- to 2-year shelf life. The pellets are tested for Alpha-acids.

There are roughly 300 aroma oil compounds found in hops. Ryan stated that some of the hop oils and flavor are lost during each stage of drying and pelletizing. To prevent loss of flavor, some brewers use the whole leaf of the hop. Ryan said that Sierra Nevada is known for this.

Additionally, the hops are kept below 120-degrees F during the harvesting process. This is the temperature when oils can volatilize.



Burs setting on a Chinook hop plant.

Ryan talked about the use of hops in beer. Hops are added to sugars that are extracted from barley. Hops are used to add flavor and preserve the quality of beer. The fruity floral, and spicy flavors found in beer come from hops. Hops balance the bitterness of malted barley.

Hops can be plagued by several diseases and pests. Major challenges include powdery mildew, potato leafhoppers, two spotted spider mites, and Japanese beetles.

Ryan said the most common is downy mildew. In order to prevent downy mildew, Crazy Horse Hops has tile ditched all of their production fields. They also use conservative pesticide applications. Ryan said that they want to avoid chemical residual from coming in contact with the hops. Ryan said that they reference the *USDA Field Guide for Integrated Pest Management in Hops* and the *Purdue Extension Integrated Pest Management Guide for Hops in Indiana 2014*.

Additional sustainable practices include the use of cover crops and wood chips between the trellis rows and the use of compost in the fields. However, Ryan said that they have to be careful to not reintroduce contaminated hop foliage back into the soil.

Ryan also discussed the history behind Crazy Horse Hops.

Ryan was first introduced to the idea of growing hops while he worked as a camera operator at WISHTV. Several brewer owners were interviewed as guests on the Indy Style show. Ryan thought it would be fun to grow hops and produce his own beer. The first field of hops were grown on vertical trellis posts constructed from trees. Sun King was the first production brewer in Indiana and also the first buyer of Ryan's hops. Ryan noted that Sun King has a beer named after him: the 3 Hammer Pale Ale.

In 2013, Ryan and his family constructed two more rows of two hop varieties on the family's land. The total area of cultivation was 25' x 150'. They also installed drip irrigation. The crop was successful.

In 2014, Ryan expanded field cultivation into his neighbor's yard. His total production increased to ¼ acre. Ryan indicated that it took a lot of trial-and-error and learning to understand what worked best for the hops.

Ryan started to do an extensive amount of research in 2015. The family reconstructed the vertical trellises into a v-style trellis system. Ryan also prepared a business plan. Ryan indicated that the company name was going to be "Dark Horse Hops", but he received a cease and assist order because another company was already named Dark Horse Hops. So, Ryan decided to name the company "Crazy Horse Hops".

In 2016, Crazy Horse Hops expanded to 10 acres. The trellises encompassed a 727-foot long by 40-foot wide field. Ryan said that he bought a Wolf 170 Harvester to help with production. Ryan noted that about 170 lbs of harvested and processed hops were delivered to Sun King that year.

Crazy Horse Hops expanded again in 2017. The purchase of a skid steer expedited the installation of trellis posts. Ryan said that the family could install about 130 trellis poles per day. Additionally, Ryan constructed a new processing facility and shop. The shop included a separate storage area, cleaning area, and office. Ryan said that there was no government agency assigned to monitor the quality of the hops. Rather, Crazy Horse Hops is voluntarily monitored by the Hop Quality Group.

In 2018, Ryan expanded production with the addition of the 40-acre Field #3. The field featured 1,250-foot rows. Ryan said that they set a record of 200 trellis poles set in a single day. It took about 5 months to get Field #3 ready for crop production. Additionally, the 100' by 200' processing facility was completed.

In 2019, Crazy Horse Hops tile ditched the fields to improve drainage. Ryan noted that they accidentally penetrated a county-owned drainage tile. Crazy Horse Hops also installed a drying system in the production facility.

In early 2020, Ryan and his partners participated in Winterfest 2020 at the Indiana State Fairgrounds. Then the COVID-19 pandemic occurred. Crazy Horse Hops applied for and was awarded Industry Relief funds. Crazy Horse implemented new fertilizer techniques. At the height of the season, Crazy Horse employed 25 seasonal laborers.

Ryan concluded the presentation and answered questions from the audience. An audience member inquired about the water used for irrigation. Ryan said the water comes from 4 wells on the property. Municipal water cannot be used because the added chlorine is bad for hops.

Ryan can be contacted via email:

**[Ryan@crazyhorsehops.com](mailto:Ryan@crazyhorsehops.com)**

## CALL TO ORDER

President Sarah Kreps called the business meeting to order at 8:08 pm.

## APPROVAL OF MINUTES

Sarah stated that the September meeting minutes were issued in the October newsletter. Having no objections the meeting minutes were approved as written.

## TREASURER'S REPORT

Treasurer Kate Bell reported that the organization's current balance was \$14,978.78. Three financial transactions had occurred during the month of October. They included an annual payment to maintain and host the Delaware County Master Gardener website and two deposits. The treasurer's report was approved.

## COMMITTEE REPORTS

### Farmers Market

The DCMGA hosted its last booth at the outdoor Minnetrista Farmers' Market on Saturday, October 2nd. Deanna Hines reported that the committee will be hosting a booth during the Winner Farmers' Market on the 3rd Saturday of each month.

Volunteers will be needed to help at the booth November through April, from 9 AM to 12 PM. The committee is working to prepare education topics for each date. John Huber has talked with current Basic Training Interns to see if they would be able to volunteer.

### Nomination Committee

Chairperson Mary Ippel announced the committee's slate of candidates for the open Executive Board positions. The current Executive Board reviewed and approved the slate of candidates at the October Executive Meeting.

Candidates include:

- President – Sarah Kreps (serving 2nd term)
- 1st Vice President – Martha McClurg
- 2nd Vice President – Sylvia Finney
- Treasurer – Dottie Kreps
- Secretary – Paula Sampson
- Historian – Julie Mason (serving 2nd term)
- At-Large Member #1 – Debbie Cowan
- At-Large Member #2 – Chris Allen

The floor was open for additional nominations. No nominations were brought to the Board. Kate Bell moved to accept the slate of candidates. Mary Ippel seconded. The motion carried.

### Budget Committee

Treasurer Kate Bell announced that the proposed DCMGA budget for 2022 was issued in the newsletter. Kate stated that the tree planting program and community garden at Maring-Hunt Public Library were two new projects added to the budget. The floor was open to discussion. No discussion was provided. Mary Ippel motioned to approve the proposed budget, seconded by Sandy Kreps. The motion was approved with 1 person withholding their vote.

Kate stated that the Executive Board and Budget Committee will review the budget at the end of this year. If membership for next year dwindles, the Board and Committee will cut certain projects from the budget and redistribute funds to other active programs.

### EXTENSION REPORT

Extension Educator Laurynn Thieme urged members to complete the Purdue Extension Master Gardener Annual Agreement as soon as possible. The agreement can be completed by logging on to the Purdue Master Gardener web portal ([www.purdue.edu/hla/sites/mastergardener/](http://www.purdue.edu/hla/sites/mastergardener/)). A request to sign the agreement will pop up on the screen once you log on. If the agreement is not visible, you have already signed it for the year.

Laurynn also asked members to report all volunteer and education hours by the end of the year.

Laurynn announced that another statewide virtual Extension Master Gardener Basic Gardener Training during spring 2022. Classes will be held Tuesdays beginning February 1 through May 3, 2022, from 6:30-8:30 PM ET. Applications are due by January 11, 2022. Cost to participate is \$180 per person or \$280 per pair. A pair can be spouses, friends, or other group of individuals.

The Marion County conference has been cancelled.

Laurynn also announced that the Statewide Extension Master Gardener conference will be held next June. The conference is titled, "Gardening for Resilience". Additional information about the conference was posted in the newsletter. Laurynn also shared a link to the conference website into the Zoom meeting chat box.

Laurynn reminded members that John Orick brought up a way during the September meeting for members to stay active as an Extension Master Gardener even when they are not able to physically volunteer. Laurynn said that the newly established "Extension Master Gardener – Alumni" status recognizes master gardeners that have contributed for multiple years, but may not be able to volunteer status due to a health concern or other physical barrier. To be eligible for this status, members must have a minimum of 10 years of active Master Gardener status (silver level) and must still submit their Purdue Extension Master Gardener annual agreement.

Laurynn said that the Purdue Extension – Delaware County office still had not fully settled in to their new location within the Delaware County Courthouse.

Sarah Kreps inquired about completing the Working with Minors training that Laurynn mentioned earlier this year. Sarah said that several people had reported having difficulties accessing the online training. Laurynn said that the old training and weblink was not valid for Extension Master Gardeners. Laurynn will be sending an email soon with additional information about the Working with Minors training. The email will contain a weblink to a training video.

## OLD BUSINESS

Treasurer Kate Bell reminded members that annual DCMGA dues are due by the end of the month. Kate reported that she has received 35 payments from members. However, only 12 of the 35 members have updated their annual volunteer and education hours to the Purdue EMG website. Kate reminded members to submit their dues. Membership dues for 2022 are waived for EMG Interns who completed the basic training course in 2021. Laurynn stated that volunteer and education hours need to be submitted by the end of the year (December 31, 2021).

Kyle Koger asked if previous meeting recordings will be posted to the member-only section of the DCMGA website. Sarah said that the records will be posted to the website.

## NEW BUSINESS

Sarah Kreps announced that the next DCMGA meeting will most likely be in person at Minnetrista. The next meeting is scheduled for January 2022.

October birthdays were recognized.

## ADJOURNMENT

Having no other items to discuss, Kate Bell moved to adjourn the meeting, seconded by Sylvia Finney. The motion carried.

Respectfully Submitted,

*Deanna Hines*  
Secretary

### FUN FACT:

Thanksgiving Cacti (*Schlumbergera truncata*) and Christmas Cacti (*S. bridgesii*) are epiphytic plants native to the mountainous forests of southeastern Brazil. Plants grow in the crotches of trees and derive water and nutrients from rains and decaying organic matter.

**Source:** Jauron, Richard and Willy Klein. "Yard and Garden: Fun Facts about Holiday Plants." 12/18/2018. Iowa State University.



## Maryland Native Plant Society

### Education Video Recordings

Still looking to achieve a few last-minute EMG education hours? Check out the Maryland Native Plant Society's Youtube channel for a collection of informative videos on native plants!

View the recordings on the MNPS page:  
[mdflora.org/Webinar-Recordings](http://mdflora.org/Webinar-Recordings)

View the recordings on Youtube:  
[www.youtube.com/channel/UCAnn79g3zyiyD-Sj51z0oQ/videos](http://www.youtube.com/channel/UCAnn79g3zyiyD-Sj51z0oQ/videos)

Ball State University's  
**Holiday Arts & Culture Night**  
**December 4th | Various Times**

photo: ROGH Facebook



Kick-off the holiday season with family and friends on Saturday, December 4th with Ball State University's Holiday Arts & Culture Night. Explore the campus and participate in a variety of events, activities, and holiday-themed concerts.

**Rinard Orchid Greenhouse & Christy Woods:**

While the Greenhouse itself will not be open to visitors, guests will be able to enjoy outdoor *Holiday in Bloom* activities with a luminaria-lit walk through Christy Woods and music from the Ladies' Choice A Cappella from 6:00-9:00 pm.

**Charles W. Brown Planetarium:**

"Earth, Moon, & Sun" at 3:30 pm and "The Christmas Star" at 5:00 pm and 6:30 pm.

**John E. Worthen Arena:**

Ball State vs. Pittsburgh Women's Basketball at 1:00 pm.

**John R. Emens College-Community Auditorium:**

Muncie Symphony Orchestra Holiday Pops Concert at 7:30 p.m.

**David Owsley Museum of Art:**

Festive Holiday Open House from 6:00-9:00 p.m.

**Marilyn K. Glick Center of the School of Art:**

Glass Demos and Sale from 5:00-9:00 p.m.

Don't forget to stop by Minnetrista too for the annual Enchanted Luminaria Walk from 5:00-9:00 pm. Guests will be able to enjoy sweet treats, winter crafts, holiday shopping, and enchanting lights in celebration of the season.

photo: Minnetrista



**Michiana Master  
Gardeners' Association**

"Think Spring"  
3RD ANNUAL  
GARDEN EXPO

**Saturday, February 26, 2022**  
**8:00 a.m. — 4:00 p.m. EST**



**Northern Indiana Event Center 21565 Executive Parkway, Elkhart**

Tickets \$10 at the door or on our website  
[michianamastergardeners.com](http://michianamastergardeners.com)

## Milk Jugs Needed



The Ball State University Rinard Orchid Greenhouse (ROGH) is in need of empty, rinsed-out half-gallon milk jugs for the upcoming *Holiday in Bloom* luminaria walk. Bottles can be dropped off in the "Pot Donation" barrel located outside the greenhouse entrance. The *Holiday in Bloom* event will take place on December 4th. We appreciate your support!

~ The ROGH staff

## Nonprofit Training for EMGers

### What Non profits Need to Know about Copyright

Donna Ferullo, Director Purdue Copyright Office, gives training on what non profits need to know about copyright regulations and use of information and graphics.

Watch Recording: <https://youtu.be/6H-lxnVVyaE>

### Risk Management Practices for Non Profits

Miriam Robeson, Attorney at Law, gives training on the best practices for non profits to manage organizational risks.

Watch Recording: <https://youtu.be/3SVCtLNwZTM>

## Mental & Physical Health Webinars

Enjoy these free webinar offerings from Purdue University Extension – Health and Human Sciences!

### Physical Activity Across the Lifespan

**Monday, December 6 | 6:00 PM**

Learn about important health terms, recommendations, benefits, and creative forms of physical activity. This event will be hosted on Zoom. To register, visit <https://bit.ly/SCPhysicalActivity> or call 317-392-6460.

### Train Your Brain: Nutrition, Neurobics, and Notable Ways to Keep Your Brain Healthy

**Thursday, January 27 | 1:00 PM**

Participate in this interactive discussion on Alzheimer's, its 10 warning signs, and steps to improving overall brain health. This event will be hosted on Zoom. To register, visit <https://bit.ly/30TrainYourBrain> or call 317-392-6460.

## Save the Date!

Michiana Master Gardeners'

## Elkhart Co. Garden Expo

**February 26, 2022**

**8 AM - 4 PM**

Northern Indiana Event Center  
21565 Executive Parkway, Elkhart

Yorktown Farmers Marketplace

## Winter Market

**9:00 AM – 12:00 PM**

Saturdays, December 4, January 8,  
February 5, March 5, & April 2

**Compass Church,  
8116 W Jackson St**

## Save the Date!

Noble Co. Master Gardeners'

## Spring Symposium

**March 12, 2022**

West Noble Middle School  
5194 US-33, Ligonier, IN



Join the Town of Yorktown for the official kick-off to the holiday season at Civic Green. Events will include live music, children's activities, a visit from Santa, over 30 local artisan and food vendors, and an art show. The festivities begin at 11:00 AM and last until 3:00 PM. Civic Green is located at 9312 W Smith Street in Downtown Yorktown.

# STATEWIDE VIRTUAL BASIC TRAINING

## Purdue Extension Master Gardener Program

### Live Webinars

Tuesdays, February 1 – May 3, 2022, from 6:30 – 8:30 PM ET / 5:30 – 7:30 PM CT (Via WebEx Events)

January 25	Test Connect Session (optional)
February 1	Purdue EMG Orientation
February 8	Plant Science
February 15	Soils and Plant Nutrition
February 22	Animal Pests
March 1	Plant Disease Diagnosis
March 8	Weed ID and Control
March 15	Insect ID and Control
March 22	Invasive Species
March 29	Pesticide Safety & Alternatives
April 5	Herbaceous Ornamentals
April 12	Woody Ornamentals
April 19	Fruit Gardening
April 26	Lawn Care
May 3	Vegetable Gardening
After May 3	Final Exam, post-test, & post-program survey

### County Connections

Weekly local connection hour with your county's Extension Master Gardener Coordinator. The day, time, and place for the local connection hour will be determined by your EMG County Coordinator and could be in person, a virtual web meeting, or a combination of both.



PURDUE EXTENSION  
MASTER GARDENER PROGRAM

Purdue University is an equal opportunity/equal access/affirmative action institution.

### Step 1: Application (Deadline January 11, 2022)

Apply for the training through a Purdue Extension host county. Visit [bit.ly/2022PurdueEMGTraining](https://bit.ly/2022PurdueEMGTraining) to connect with a host county near you.

### Step 2: Registration and Fees

(Once the local EMG Coordinator approves your application, you will register and pay for the program.)

- \$180.00 for an individual registration with print version of Purdue EMG Manual
- \$280.00 for two people sharing a print version of the Purdue EMG Manual, both will need application approval prior to registering and paying.
- Participants will be able to purchase a digital version of the manual for an additional \$25.00.

To learn more about the Purdue Extension Master Gardener Program, visit: [www.hort.purdue.edu/mg](http://www.hort.purdue.edu/mg).



photo: Light Up Downtown

# Light Up Yorktown

Saturday, December 11 | 5:30 PM



Come together and celebrate the joy of the Holiday season on Saturday, December 11. Participating families in Yorktown will line the street, sidewalks, and driveways in front of their homes with luminaires. Families are encouraged to drive around town and enjoy the sights! The fun will begin at 5:30 PM.

Local Yorktown/Mount Pleasant Township residents may purchase luminaire kits for \$12. Each kit includes 10 candles, 10 paper bags, and 5 pounds of sand. One kit will cover 20 to 30 linear feet of pavement. All proceeds will benefit Boy Scout Troop 69. You can purchase one or more luminaire kits at <http://lightupyorktown.com/>.



Indianapolis Rose Society's

## Webinar: The Dirt on Soil

January 11, 2022 | 6:30 PM

Grab your pen and paper and get ready for a deep dive into the important subject of soil! Guest speaker Gaye Hammond is the ultimate researcher. She will discuss the importance of good soil, soil testing and pH, provide up-to-date research on fertilizers and end with a discussion on the importance of mulch.

Gaye is a lifetime member of the American Rose Society and author of more than 300 garden articles that have been published in local and national magazines and newspapers.

To request the Zoom meeting link, email [rhdeluca@gmail.com](mailto:rhdeluca@gmail.com). For more information about the meeting, visit [www.indianapolisrosesociety.com](http://www.indianapolisrosesociety.com).

Mounds State Park

## Night of Lights

presented by Friends of the Mounds

**December 3-5, 10-12, 17-19, 24-26, 31 and January 1**

The campground at Mounds State Park will be transformed into a Winter Wonderland this season! Campsites will be decorated with festive light displays by local Madison County citizens, organizations, and businesses. Visitors will be able to take a drive-through tour of the spectacle with friends and family. Lights will be on display from 5:30-10:00 PM, Friday through Sundays.

Admission to the park is free. Admission to tour the campground is \$5 per vehicle if paying by cash and \$6 if paying with a credit card. All proceeds will go towards protecting, preserving, and supporting Mounds State Park.



Food Hero's mission is to help residents improve their health by increasing their consumption of fruits and vegetables.

Food Hero is your go-to website for everything you need to know about food. Within the Food Hero website lives healthy and tasty recipes, meal ideas, budgeting, shopping, and many more cooking tips and tools, plus ways to connect with other Food Heroes.

Food Hero is an initiative of Oregon Supplemental Nutrition Assistance Program Education (SNAP-Ed) program and was developed by Oregon State University Extension Service.

The Beekeepers of Indiana's  
**Indiana Bee School XX**  
**February 26 | Muncie**

The Indiana Bee School XX will be held on February 26, 2022 at the Horizon Convention Center in Muncie. The annual bee school features lectures by guest speakers, break-out education sessions, beekeeping vendors, the Beginning Beekeeper Course, and multiple opportunities to socialize with other beekeepers from across the state.

This year's guest speakers include Dr. Geoff Williams, Assistant Professor & Graduate Program Officer in Auburn University's Department of Entomology & Plant Pathology; Dr. Brock Harpur, Assistant Professor in Purdue University's Department of Entomology; and Joan Gunter, President of the American Beekeeping Federation and co-owner of Gunter Honey Farm.

Break-out sessions include "Using Technology in Beekeeping", "Beekeeping as a Supplemental Cash Crop", and "Hive Inspection".

The cost to participate is \$50 for The Beekeepers of Indiana members and \$60 for non-members. Registration includes lunch and handouts. Registration can be completed online at [indianabeekeeper.com](http://indianabeekeeper.com) or by mailing in the registration form.



Southeast Indiana Agriculture & Natural Resources'  
**Lunch n' Learn Webinars**  
**Various Dates | 12 PM**

Join Purdue Extension Educators as they tackle the tough topics and answer your questions live! All sessions will be hosted from noon to 1:00 PM.

- December 2** - Winter Care for Trees & Shrubs
- January 13** - Pond Management
- January 27** - Home Lawn Care
- February 10** - Winter Landscape Management
- February 24** - Gardening 101

You can register for the webinars by calling 812-427-3152 or visiting [bit.ly/SEINAg](http://bit.ly/SEINAg).

# Garfield Park Conservatory Crossing

A Holiday Train and Poinsettia Display  
Now thru January 2, 2022



photo: Christmas is All Around Us

**Monday-Saturday: 10:00 am-5:00 pm**  
**Sundays in December: 1:00-8:00 pm**

Admission: \$4 person | \$10 family (2 adults max.)

Come enjoy the winter wonderland! See the Conservatory decked out in its holiday best with a brilliant display of poinsettias, model trains and village, and thousands of twinkling lights.

The display will be open until 8pm on Sundays in December. The Conservatory will be closed on December 24, 25, and 31. Don't miss this special time to enjoy the holiday cheer with your friends and family!

Due to the COVID-19 pandemic, Indy Parks requires face masks to be worn in all indoor facilities, including the Garfield Park Conservatory.

The Garfield Park Conservatory is located at 2505 Conservatory Drive, Indianapolis. Call (317) 327-7183 with questions.



Poinsettia flowers are actually made up of the **bracts**, which look like petals, and the tiny yellow flowers in the center, called **cyathia**. The colorful bracts attract insects to the flowers and will drop after pollination.

~ University of Minnesota Extension

Join The Ohio State University Extension program for their weekly  
**Winter 2021-2022 Horticulture  
Lunch n' Learn and Happy Hour Webinar Series**

Register for each session and watch recordings at

<https://mastergardener.osu.edu/resources/2021-2022-hort-happy-hour-and-lunch-learn-webinar-series>

THURSDAY, JANUARY 6 | 4-5 PM

**Extremes, Diseases, & Invasives, Oh My!  
Adapting to Climate Change in the Garden**

Dr. Aaron Wilson, Research Scientist,  
The Ohio State University

WEDNESDAY, JANUARY 12 | 12-1 PM

**Basics of Hydroponics**

Dr. Tim McDermott, Extension Educator, Franklin County

THURSDAY, JANUARY 20 | 4-5 PM

**Integrated Pest Management (IPM)  
For Backyard Vegetable Gardens**

Jim Jasinski, Professor, The Ohio State University

WEDNESDAY, JANUARY 26 | 12-1 PM

**Combatting Slugs in the Garden**

Dr. Rory McDonnell, Associate Professor, Oregon State  
University

THURSDAY, FEBRUARY 3 | 4-5 PM

**Pesticide Safety Basics  
for the Home Gardener**

Jennifer Andon, Program Manager, Master Gardener  
Volunteer Program, The Ohio State University

WEDNESDAY, FEBRUARY 9 | 12-1 PM

**The Art of Grafting**

Paul Snyder, Operations Manager, Sequest Arboretum,  
The Ohio State University

THURSDAY, FEBRUARY 17 | 4-5 PM

**Galling of America**

Joe Boggs, Assistant Professor, Dept. of Entomology,  
The Ohio State University

WEDNESDAY, FEBRUARY 23 | 12-1 PM

**Perennial Update 2022**

Pam Bennett, Program Director, Master Gardener  
Volunteer Program, The Ohio State University

WEDNESDAY, MARCH 9 | 12-1 PM

**The Basics of Growing Herbs**

Susan Liechty, Master Gardener Volunteer

THURSDAY, MARCH 17 | 4-5 PM

**Growing and Maintaining Lilacs**

Dr. Mark Debard, Professor Emeritus of Emergency  
Medicine, The Ohio State University

WEDNESDAY, MARCH 23 | 12-1 PM

**Fluctuations in Firefly Populations**

Dr. Sara Lewis, Professor, Tufts University

Purdue Extension Floyd County

**Beginner Beekeeping Courses**  
**Various Dates | Online**

Have you heard the buzz? Learn more about beekeeping basics by participating in these webinars hosted by Purdue Extension Floyd County. All are encouraged to participate!



**Pitfalls in Beekeeping**

**December 6 | 7-8 PM**

Register: <https://bit.ly/3ocpew7>

**Panel Discussion with Seasoned Beekeepers**

**January 11 | 7-8 PM**

Register: <https://bit.ly/30elSkn>

For more information, please contact Gina Anderson at 812-948-5470 or email [gmanders@purdue.edu](mailto:gmanders@purdue.edu).



**Reed Johnson**  
The Ohio State  
University



**Gerardo Camilo**  
St. Louis University



**Mary Gardiner**  
The Ohio State  
University



**Scott MacIvor**  
University of Toronto



**Damon Hall**  
University of Missouri

Join The Ohio State University's Department of Entomology from November 29th through December 3rd for this 60-minute webinar series focused on the biology and human dynamics of pollinator conservation in urban settings. Each presentation begins at 10:00 AM.

**November 29 - Reed Johnson, The Ohio State University**

*Honey Bees in the City: Where Are They Feeding, and How Do We Know?*

**November 30 - Gerardo Camilo, St. Louis University**

*The City as a Refuge for Insect Pollinators*

**December 1 - Mary Gardiner, The Ohio State University**

*Vacant Lots as Urban Bee Habitat*

**December 2 - Scott MacIvor, University of Toronto**

*Constructed Green Infrastructure to Support Wild Bees: Does it Work?*

**December 3 - Damon Hall, University of Missouri**

*Policy Dimensions of Insect Pollinator Conservation*

Register online at <https://u.osu.edu/certifypollinators-in-the-city-speaker-series/>. Register once to attend any and all sessions. All sessions will be recorded and posted to The Ohio State University Bee Lab website: <https://u.osu.edu/beecourse/recordings/>.



photo: Carmel Clay Parks & Rec.

Indiana Native Plant Society, Central Chapter

**On-demand Recording:  
Native Uses of Nature's Bounty**

Listen to Naturalist Karen LaMere of the Ho Chunk nation as she tells how her culture traditionally uses the plant and animal provided by the Earthmaker without harming nature.

Watch the recording here: <https://youtu.be/lgRr5O3tKms>

# 2022 YOUTH GARDEN GRANT

## WHO IS ELIGIBLE?

Any nonprofit organization, public or private school, or youth program in the United States or US Territories planning a new garden program or expanding an established one that serves at least 15 youth between the ages of 3 and 18 is eligible to apply. Previous Youth Garden Grant winners are not eligible.

## SELECTION PROCESS

The selection of winners is prioritized based on demonstrated need and program impact. KidsGardening considers a variety of factors when determining need, including....

- Economic & Demographic Factors
- Program Funding and Support
- Impact

Winners will be announced on January 28, 2022. A total of 50 programs will be awarded Youth Garden Grants in 2022.

## SUBMISSION PROCESS

The deadline for application submission is **Friday, December 17, 2021** at 11:59pm PST.

All applications must be submitted online. You can download a copy of the questions to view ahead of time as a Word doc or PDF file. We strongly advise saving the questions into a Word document and then copying and pasting the answers into the application rather than composing your answers directly into the online form.

To learn more or to complete the online application, visit:

[kidsgardening.org/2022-youth-garden-grant/](https://kidsgardening.org/2022-youth-garden-grant/)



It is getting colder outside and gardens are winding down. The Middletown Fall Creek Library is currently accepting seed donations for their seed library. They can be flowers or fruit/vegetable seeds. Drop off donations at the library located at 202 N 8th St, Middletown during normal business hours.

## Herb Society of Central Indiana's 2022 Spring Symposium



Mark your calendars for the Herb Society of Central Indiana's 2022 Spring Symposium for Saturday, April 9th. This annual event is filled full of informative lectures, hands-on activities, and samplings of tasty herbal treats. The theme for the symposium will focus on pansies and violets. The symposium will be located at the Hamilton County Fairgrounds in Noblesville.

Visit the Herb Society's website for more information.

photo: lovethegarden.com

# Garden Design's 2022 Trends in Garden Design

By Justine Guidry

## 1. Including Plants that Transport You to the Tropics

Travel restrictions continue to deter many from venturing out, but that doesn't mean you can't still get the feeling of being in a far-off destination. The types of plants best for evoking the "faraway" feels? Tropicals. Though tropical plants have always been a favorite, nurseries have seen a recent boost in popularity.

## 2. Blurring the Lines Between Indoors and Outdoors

You've heard of bringing the outdoors in and bringing the indoors out—but why not both? So much time at home has led to gardeners realizing that blurring the lines between indoors and out extends the living area.



Cannas feature stunning foliage & striking blooms. Photo: Proven Winners.

## 3. Designing with Dark Foliage

Plants with bright flowers or vibrant foliage colors such as silver or chartreuse are standouts on their own. But the secret to really making them pop is dark foliage. Here are just a few dark foliage stunners: **Center Stage® Red Cape Myrtle** (Zone 6-10), **Primo® 'Black Pearl' Heuchera** (Zones 4-9), **Summer Wine® Black Ninbark** (Zones 2-8), **Winecraft Black® Smoke bush** (Zones 4-8), and **Sweet Caroline Betwitched After Midnight™ Sweet potato vine**.

## 4. Gardening for a Changing Climate

Long-time gardeners know that changes in weather are affecting the way we garden. We're all familiar with drought-tolerant gardening and including plants that can handle excessive temperatures, but another manner of gardening is gaining traction: gardening for fires and floods.



Containers pack a lot into a small space. Photo by: Janet Loughrey.

## 5. Taking Your Food from Start to Finish

Last year, many seed companies reported record sales—some completely sold out of edible seeds, and many gardeners weren't able to get any. If you're interested in growing food from seed, get your seeds early!

## 6. Gardening for Wildlife

Gardeners have been striving to make their gardens more wildlife friendly for years. But it's becoming more common for gardeners to be more intentional about every single thing they do—not just putting up a bird feeder and calling it done. They're finding that you can have it both ways: a garden that's beautiful and serves wildlife.

## 7. Maximizing Balconies & Porches

Staying at home more has led people to become more and more creative with their spaces. Here are some ways to fit a lot of plants into a small outdoor space: include large pots that can handle multiple plants, install shelves for smaller plants such as herbs and other annuals, grow vines or other climbing plants on balconies or railing, and mix edibles and ornamental plants in containers to conserve space.

## 8. Creating Gardens for Peace of Mind

By now, most of us know that gardens are good for our mental health. But while saying we'll spend more time in our gardens is one thing, doing it is a different story. That's why gardeners are becoming more intentional about what elements they add to their gardens, carefully selecting pieces that will draw them in.

## 9. Amplifying Color with Bicolor Plants

Nurseries and plant sellers are always keeping an eye on what colors people are gravitating towards. More recently, bicolor flowers are stealing the spotlight.



Supertunia Mini Vista® Violet Star. Photo by: Proven Winners.

## 10. Getting the Most Out of Each Season

With the increased interest in home improvement, people are starting to look to their gardens for enjoyment not only in spring and summer, but all year.

Click the link to learn more:

[www.gardendesign.com/trends/2022.html](http://www.gardendesign.com/trends/2022.html)

## Purdue Extension Master Gardener (EMG) Program

### Alumni Status

The purpose of this status is to recognize Purdue Extension Master Gardener volunteers for their contributions to the program and enable continued connection with the program for EMG's who can no longer fulfill the minimum volunteer and education hours.

To qualify for this status, an individual must:

- Complete at least 10 years of active volunteer service and have achieved at least the Purdue Advanced EMG Silver level (at least 500 cumulative volunteer and 75 cumulative education hours).
- Submit a Purdue EMG – Alumni application to their EMG County Coordinator for review and approval.
- Continue to submit the Purdue EMG Annual Application and Agreement Form (print or on [MG Manager](#)) to their EMG County Coordinator and consent to annual sex and violent offender registry checks as stated in the Purdue EMG Program Policy Guide.
- Be a current Purdue EMG volunteer in good standing with no lapse of volunteer service greater than 4 consecutive years.
- Adhere to the program policies as stated in the Purdue EMG Program Policy Guide.
- Purdue EMG's with Alumni status forfeit their eligibility to serve as an active Purdue EMG volunteer.

Benefits to awardees:

- Awarded a new name badge and certificate with Purdue EMG Alumni designation.
- Public recognition for contributions to the program.
- May use the title of "Purdue Extension Master Gardener – Alumni" and remain connected to the local and state Purdue EMG Program without the requirement of actively volunteering or completing education hours.
- May serve as an advisor to the local or state program at the discretion of the county or state coordinator.

# 2022 Membership Form



Purdue Master Gardeners must satisfy specific requirements each year to maintain the Purdue Master Gardener title and remain eligible to volunteer and participate in official Purdue Master Gardener activities and events. To remain active each year, a Purdue Master Gardener must:

1. Volunteer for a minimum of ~~12 hours~~ **6 hours**\*\* each year and report that activity to the Purdue Extension – Delaware County Extension Master Gardener coordinator. \*\*Due to COVID-19 restrictions, the minimum volunteer requirement has been waived to be **6 hours** for the 2021 year.
2. Complete and report a minimum of **6 hours** of educational training approved by the Purdue Extension-Delaware County Extension Master Gardener coordinator.
3. Submit an updated and signed electronic copy of the *Purdue Extension Master Gardener Volunteer Application and Agreement* to the Purdue Extension - Delaware County office.

To be considered a Delaware County Extension Master Gardener in good standing, please record your volunteer and educational hours by **December 31, 2021**. Click on [www.purdue.edu/mg-volunteer/login.php](http://www.purdue.edu/mg-volunteer/login.php) to report hours online.

In addition, Delaware County Master Gardeners must pay the annual membership due no later than the Annual Business Meeting on **October 27, 2021**. Dues paid after this date will be accessed a late fee. Dues are **\$10 per person**.

Payments and membership forms can be mailed to:

Kate Bell, Treasurer  
1738 East C.R. 300 North, New Castle, IN 47362

Please make checks payable to *Delaware County Master Gardener Association, Inc.*

Questions can be directed to Kate Bell at [k8bell1@gmail.com](mailto:k8bell1@gmail.com) or by calling 765-256-1518.

It is crucial that you complete these requirements by the deadline in order to have your name listed in the 2022 Master Gardener membership booklet. Thank you!

Name \_\_\_\_\_ Email \_\_\_\_\_  
 Address \_\_\_\_\_ Telephone \_\_\_\_\_

Optional, check appropriate:

Please do not include my \_\_\_ address \_\_\_ phone number \_\_\_ email in the membership booklet.

Please indicate all Events and Committees that you will commit to participate in during 2022. Events that are understaffed by volunteers may be removed from the DCMGA programming schedule:

- |  |  |
|--|--|
| <input type="checkbox"/> EMG Booth at Minnetrista Farmers Market (Monthly)       | <input type="checkbox"/> EMG Booth at Indiana State Fair (August 2022)         |
| <input type="checkbox"/> EMG Booth at Indiana Flower & Patio Show (March 2022)   | <input type="checkbox"/> EMG Booth at Old Washington St. Festival (Sept. 2022) |
| <input type="checkbox"/> EMG Booth at Delaware County Farm Fest (March 2022)     | <input type="checkbox"/> Growing Through Gardening Seminar (October 2022)      |
| <input type="checkbox"/> Mini Master Gardener Children Camp (April 2022)         | <input type="checkbox"/> Children’s Museum Garden (Ongoing)                    |
| <input type="checkbox"/> Future Master Gardener Children Camp (April 2022)       | <input type="checkbox"/> Scholarship Committee (Ongoing)                       |
| <input type="checkbox"/> Tree Planting Event (April / May 2022)                  | <input type="checkbox"/> Budget Committee (Ongoing)                            |
| <input type="checkbox"/> Delaware County Master Gardener Plant Sale              | <input type="checkbox"/> Audit Committee (Ongoing)                             |
| <input type="checkbox"/> Delaware County Master Gardener Garden Walk (June 2022) | <input type="checkbox"/> Nominating Committee (Ongoing)                        |
| <input type="checkbox"/> EMG Booth at Minnetrista Garden Fair (May 2022)         | <input type="checkbox"/> Native Garden at Red-tail Nature Preserve (Proposed)  |
|  | <input type="checkbox"/> Community Garden at Marin-Hunt Library (Proposed)     |

\*\*\*\*\*

Official use only: Received \_\_\_\_\_ Check # \_\_\_\_\_ Cash \_\_\_\_\_