Greetings Gardeners!

I received a note from Mother Nature last month. She said:

"I apologize for Spring
Being later than I planned.
Father Time was driving
And refused to stop and ask for directions."

All of our projects are picking up steam and looking for volunteers. Check your Green Thumb for how to contact the various projects to volunteer or to visit a meeting with that project to see if it's for you.

Two other opportunities to volunteer. Here are two committees the Steering Committee has voted to investigate for possible inclusion of a standing committee. Both need people to help structure the committees including Chairs.

First, Polk County Master Gardener Ambassadors. The purpose is to present Polk County Master Gardeners and our projects to organizations in our community. For example, Kiwanis, Lions Club, Optimists, large employers, Art Center, and so forth. This committee would reach out to organizations who request to know more about us, as
well as responding to speaker requests. A standard Power Point and elevator speech is on the list for development by Polk County Extension’s Marketing Strategist.

Second, **Volunteer Engagement**. This committee's purpose is to connect our volunteers with projects to earn volunteer hours by making phone calls or face-to-face meetings. It will also work with transfers from other counties and states. Touch base with Interns to make sure they're making progress on attaining their 40 hours. Assist committees with special volunteer needs like carpenter skills and web development. If either one of these committees appeals to you, or you have some thoughts or questions about them, reach out to me at bob@tsmcgrp.com or 804-357-7596.

------------------------------------------------------------------------------------------------------

**January Profile of a PCMG : John Hagen**

John is a member of the 2017 Intern class and a native of Des Moines. His family had an acreage near Southridge Mall where his grandma collected seeds for John. Years later, John now grows everything for his gardens and containers from seeds, just like Grandma taught him. The day we met for the interview, John showed me a photograph of a container with 30 hosta a few inches tall that were all started from seeds. John also has a container garden that includes Lemon Grass. He likes to experiment and over-winter plants.

He worked at Meredith for awhile and then joined the State of Iowa as an Airport Fire Fighter in Des Moines. The work schedule for this job was several days on and then several days off. With a schedule like that, John was able to secure a second job. That job was working for Holub Greenhouses, a job that he really enjoyed. It was also a learning opportunity for him because he was able to discover how greenhouses worked. When he joined the Polk County Master Gardeners, he gravitated to our Greenhouse project for his volunteer hours and that continues to be where he volunteers most of the time as an integral part of the operations team and new greenhouse search project. John's experience has been a great asset to the project as a maintenance man as well as February Captain assigning tasks to other volunteers.

John has a unique hobby - he makes "jerky", from almost anything. He gives friends samples to try and asks for feedback. At our interview, John gave me some new "jerky" to try and enough to take home. When my wife tried it, she said she liked it so much she would pay for it. It was salmon "jerky".

If there is someone you think should be profiled in the Green Thumb, reach out to me at bob@tsmcgrp.com or 515-224-6424 and tell me about that person.

Bob Helvey
Important Reminder!
Please Return your
Background Screening Form!

Background screening is required to be REPEATED every three years. All volunteers (including Lifetime members who are still volunteering) need to be "re-screened" in order to remain certified.

We've received about 40% of the forms back --please return yours as quickly as possible (you may bring it with you if you plan on attending the Program Night on Thursday--or use the envelope that was provided.

Please look over all sides of the materials in your envelope! A number of forms have come back incomplete, missing one of the pages, missing a signature, drivers' licence number or other required information.

If you went through screening in Polk County in the last 3 years, you will receive a request with the rest of your class based on the recurring cycle.

Program Committee

April 11 Program Event--Learn & Be Informed: MG Season 2019!

Here is your last opportunity to socialize & get an hour of education in place before the work season begins!

This evening is a potluck that will start at 5:45 p.m. with the program beginning at 6:30. Hot food provided by volunteers (see chart below). Side dishes and desserts would be greatly appreciated!

Speaker: Matthew Bailey (1 hour of CEC)

Climate Change: How it impacts gardening-- and will continue to impact gardening.

Sign up here.

Master Garden Project Committees will then share brief updates from 7:40-8:30 p.m.

Representative for the Following Committees:

- Art in the Garden
- Bus Trips
Volunteer-Made, Yummy Soups Contributed Jan - April 2019

<table>
<thead>
<tr>
<th>January</th>
<th>February</th>
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<tbody>
<tr>
<td>Maggie Keller: Zouppa Toscano</td>
<td>Linda Peppers: Hamburger Barley</td>
</tr>
<tr>
<td>John Kaiser: Cream of Potato (&amp; bread)</td>
<td>Marietta Rives: Smoked Turkey Chili</td>
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<tr>
<td>Laurie Barrick: Chili</td>
<td>Mark Johnson: Broccoli Cheese</td>
</tr>
<tr>
<td>Jan Hendrickson: 9 Bean Soup</td>
<td>Galyle Brenema: Six Sisters Taco (vegetarian)</td>
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<tr>
<td>Linda Wilkinson: Chicken Noodle Soup</td>
<td>Rich Gilbreath: Ham &amp; Bean</td>
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<table>
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<tr>
<th>March</th>
<th>April</th>
</tr>
</thead>
<tbody>
<tr>
<td>Janan Smith: Vegetable Beef</td>
<td>Marlene Anderson: Italian Sausage Pasta</td>
</tr>
<tr>
<td>Catherine Kaiser: Corn Chowder</td>
<td>John Kaiser: Cabbage Roll Soup</td>
</tr>
<tr>
<td>Bonnie McCaughey: Red Lentil</td>
<td>Catherine Kaiser: Minestrone</td>
</tr>
</tbody>
</table>

Program Committee Chair: Mary Poulter: poultermk76@gmail.com

Education Hours at the South Side Library!
Saturday Morning, April 13th

Free, open to the Public, run time 104 Minutes (2 hours of CEC).
(This video was also shown in March at the Urbandale Library)
Filmed on four continents, featuring esteemed scientists and working farmers and ranchers, *Symphony of the Soil* is an intriguing presentation that highlights possibilities of healthy soil creating healthy plants creating healthy humans living on a healthy planet.

------------------------------------------------------------

**Greenhouse**

Work days continue on **Wednesdays and Saturdays** until the Plant Sale. The **doors are open at 9:00 am** on both days. We stay until the work is done - generally by noon.

As always, wear your name tag and dress in layers and be prepared to have fun!

Follow our Facebook page for the latest updates on the Greenhouse: [https://www.facebook.com/pcmgreenhouse/timeline](https://www.facebook.com/pcmgreenhouse/timeline)

**Greenhouse Co-chairs:**

Cheryl Fridl - [cheryl.fridl@gmail.com](mailto:cheryl.fridl@gmail.com)
Kent Freise - [kentfreise@gmail.com](mailto:kentfreise@gmail.com)
Jean Schustek - [jean.schustek@gmail.com](mailto:jean.schustek@gmail.com)

**Plant Sale**

**Mark your 2019 Calendars for May 3, 4, & 5!**

We are only 5-6 weeks away from our 2019 Plant Sale, and while we are making great progress, there is still much to do if we are to build on and exceed our past successes.

For that to happen we need the help and support of each and every one of you. Not only to come to the sale to purchase plants and garden items but also to donate as many garden related items as possible, give of your time as a Plant Sale volunteer, and of course pass the word to all your friends and family to come and shop till they drop.

**VOLUNTEERS**

Sign-up is now open and we lots of shifts available. Here's how you can sign up:

1. **Click this link to see which spots are available**
2. Review the options listed and choose the spot(s) you like.
3. Sign up! It's Easy - **you will NOT need to register an account or keep a password.**
   Note: Your email is not shared with anyone.

**PRE-SALE HELP:** We need help the week before the sale to get it organized. **These shifts are also listed on the sign-up website.**

There are 4 shifts available over the sale weekend:
<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Shift One</th>
<th>Shift Two</th>
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</thead>
<tbody>
<tr>
<td>Friday</td>
<td>May 3</td>
<td>4:30 to 7:15</td>
<td>N/A</td>
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<tr>
<td>Saturday</td>
<td>May 4</td>
<td>7:30 to noon</td>
<td>11:45 to 4:15</td>
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<tr>
<td>Sunday</td>
<td>May 5</td>
<td>11:30 to 4:15</td>
<td>N/A</td>
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NOTE: If you sign up as a helper for any of the Plant Sale shifts and are interested in working as a checker (prior experience not necessary but helpful/training will be provided) please contact Isabella Hurless-Banks at imhurless@aol.com

All volunteers should wear a white shirt to be readily identifiable to our customers. An MG shirt would be great if you have one, but any plain white shirt is fine. Lunch will be provided for volunteers who work both shifts on Saturday.

DONATIONS
The donations that you make to the sale are pure profit so the more you donate, the more money we will make. Donations can be anything garden related such as perennials, houseplants, planters, garden art etc. If you have donations where you will need assistance just let us know and we will try to get you some help. This could be things like digging up and dividing perennials or picking up large donations. If you have any questions about donations, please contact Isabella Hurless-Banks at imhurless@aol.com or call 278-2067 or 205-0577.

If you are donating house plants please contact Isabella or Jen before doing so. This way we can make sure we don't have too many of one kind. This is definitely an area where less is more.

NOTE: The Plant Sale Committee has plant markers which are to be used with all perennial donations. These will be available from any of the plant sale co-chairs as well as at the Greenhouse and the Extension Office. By using these tags with a fine point permanent marker we can ensure that they hold up under the wet and humid conditions at the greenhouse.

Tags will have approximately an inch marked off at the top and this area needs to remain blank and is for use by the Plant Sale only. There will still be plenty of space for you to identify your donations:

- Plant name, color, height and light conditions are all useful information to include.
- Do NOT price your donations.
- We can also help out if you need pots for your perennial donations. Again, just let us know.

NON-PERISHABLE DONATIONS
Non-perishable donations can now be dropped off at the Greenhouse on Wednesday and Saturday mornings from 9:00 am to noon. We have a fairly limited space for non-perishables so if what you have is particularly large please contact Isabella before delivering it.

HELP SPREAD THE WORD!

Be sure to like and follow us on Facebook!
And print, display or share the 2019 Plant Sale Flyer for friends, family and co-workers!

If you have any questions or suggestions regarding anything in this article please email or call Isabella Hurless-Banks.

Thank you for your support!

Save the Date for our Plant Sale Preview:

- Thursday, April 11th
- Polk County Extension Office
- Pot Luck at 5:45--bring a side dish or dessert to share
- CEC Speaker: 6:30 to 7:30 PM
- Season & Plant Sale Preview 7:40 to 8:30

PLEASE NOTE THAT JEN'S EMAIL CHANGED A FEW MONTHS AGO . . . .

Plant Sale Co-chairs:

Jen Firzlaff: jen.firzlaff@icloud.com
Isabella Hurless-Banks: imhurless@aol.com 515-278-2067
or 515-205-0577

Farmers' Markets!

Downtown Farmers' Market

In a little more than a month the 2019 Des Moines Downtown Farmers' Market season will begin!

The Polk County Master Gardeners' Booth will be open for business at the Market on the third Saturdays of May, June, August and September and on the fourth Saturday of
July.

The specific dates are: May 18, June 15, July 27, August 17 and September 21.

The PCMG booth is staffed by volunteer Master Gardeners who answer gardening questions from passersby. We always keep ISU reference materials handy, so you don't need to know all the gardening answers off the top of your head—but you'll often find that you do! There will be multiple volunteers on each shift, so you are never answering questions alone.

In addition to answering questions from the public, we also use the Booth as a forum to provide special information on monthly gardening topics of our choosing. For example, the May outing is usually devoted to Planning and Planting Vegetable and Flower Beds. We provide Market patrons with access to gardening reference literature from ISU and to related sources on our featured topics, as well as free seeds. Finally, we use our Booth to recruit Market patrons to become Master Gardeners.

New for 2019!
In the past, we've staffed our booth in two shifts each Saturday. This year, in order to give more folks a chance to participate, we're going to divide the Market days into three 2-hour shifts:

- 6:30-8:30
- 8:30-10:30
- 10:30-12:30

The first shift will involve about a half-hour of set-up and the final shift will involve about a half-hour of take-down.

We're now looking for VOLUNTEER MASTER GARDENERS to staff our Booth! It is a fun way to earn service*. We have created a sign-up forum for volunteers on SignUp.com. Click here to go to our invitation page on SignUp.com.

Then enter your email address: (You will NOT need to register an account on SignUp.com).

We ask that you sign up for no more than two spots initially, so that all Master Gardeners who want to work at the Market have a chance to volunteer. If spots remain open after a few weeks, please feel free to sign up for additional slots.

Look for further details on the PCMG Farmers' Market Booth as the season progresses.

Thanks!

*P.S. reminder from Ike: only volunteer hours for Farmers' Market. Researching answers and other self-study do NOT qualify for continuing education credit per the Master Gardener Volunteer Manual.
Farmers' Market Co-chairs:

Matt Dore: matt.dore@drake.edu
Sherri Soich: sherrisoich@gmail.com
Randy Campbell: campbellrd@mchsi.com

* * * * * * * * * *

Beaverdale Farmers' Market
4100 to 4200 Urbandale Avenue
Tuesdays: 4 - 7:30 pm

Join us for our second year at this fun and "happening" market where we answer questions from visitors.

Volunteers will assist co-chairs with booth set-up & take down at each scheduled event and then greet visitors who stop by.

Shifts: 4 to 6:00 or 5:30 to 7:30

Wear your Master Gardener t-shirt (or a plain white shirt) and your name badge.

Look for a SignUp link in the May Green Thumb!

2019 Dates:

- June 4
- June 18
- July 2
- August 6
Chair: Marietta Rives  mariettarives@hotmail.com

2019 Bus Trips
Register Now for the One-day Trip

Central Iowa Trip on
Saturday, May 25th
Bus will be Departing from Urbandale

Seats are still available - REGISTER NOW for our one-day trip on Saturday, May 25!

CLICK FOR THE registration form can be found on the Polk County Master Gardener website.

Please join us for a one-day excursion in the central Iowa area featuring 5 private gardens and a few other fun stops.

- Meet a father and son who specialize in hybridizing iris and see both of their gardens
- View as much of an 8 acre property as time allows
- Sniff peonies galore
- One of the stops on our trip to Madison, Wisconsin a few years ago was to Ed Lyons home garden. We will visit Ed’s current home in Ames. (He is now on staff at Reiman Gardens.)
- More details can be found on the registration form on the PCMG website.

SAVE THE DATE: Saturday & Sunday, June 22 - 23
Our overnight trip is to the Dubuque (Iowa) area (one night only). We'll join the Dubuque County Master Gardeners' Garden Tour (6 private gardens), visit Dubuque Arboretum, a visit with author of That Tree and a stop to see the tree featured in the book. AND (of course) we'll stop at some plant nurseries.

For More details CLICK HERE FOR the registration form on the PCMG website.

Co-Chairs:
Laurie Barrick: barrick8792@msn.com  tel: 515-278-8792
Charlene Butz: cnb819@aol.com  tel: 515-202-5178

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Demonstration Garden

March was a busy month with intern education on pruning. Thank you to our interns and also to other volunteers that assisted in managing small groups or simply came to the garden to be of service in our pruning efforts.

Spring Clean up is Saturday, April 20th. Start time is 9 am--but join us when you can.

In addition to our late winter pruning, we are nearing the season for spraying the fruit trees with Horticultural Dormant Oil. This task needs to be completed before the buds swell, requires temps to be above 40 degrees for 24 hours and no rain or winds predicted. Needless to say, the dates of application are not targeted far in advance as each year varies. If you can assist let us know and we will coordinate with you.

Happy Spring!

Visit our website and Like our Current Facebook page:

http://www.demonstrationgardenpcmg.org/
https://www.facebook.com/demonstrationgarden/

Demo Garden Co-Chairs:

<table>
<thead>
<tr>
<th>Name</th>
<th>Email</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ruth Doxon</td>
<td><a href="mailto:rdoxon@gmail.com">rdoxon@gmail.com</a></td>
<td>(515) 253-9115</td>
</tr>
<tr>
<td>Sandie Sydnes</td>
<td><a href="mailto:sasydnes@gmail.com">sasydnes@gmail.com</a></td>
<td>(515) 276-1497</td>
</tr>
</tbody>
</table>

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The Discovery Garden currently has some openings on garden bed teams for 2019. If interested, you may contact any Co-Chair for further information. We look forward to some new faces with new ideas for the Discovery Garden. Speaking of new faces...we would like to introduce and welcome nine new members to our Discovery Garden Team:

- **Kristin Francis** - East Entrance Bed
- **Maggie Keller** - West Entrance Bed
- **Mardi Lawson** - Half time Stream Bed and Half time Rose Bed
- **Tara Lewis** - Half time Childrens Bed and work on containers
- **Aaron Menick** - Rose Bed
- **Sue Pegg** - Wing Ding and North Beds
- **Pat Sunner** - Hydrangea Bed and Shade Structure
- **Terri Weeks** - Half time Perennial Bed and Half time with the Tunnel
- **April Ziskovsky** - Rotunda Bed

**Upcoming Dates:**

**Saturday, April 13th:** 9:00 am to 1:00 pm Pond Cleaning Class with Co-Chair Dean Brand

- **Wednesday, April 24th:** Garden Cleanup Date
- **Wednesday, May 1st:** Alternative Garden Cleanup Date
- **Regular Wednesday Work Nights** begin May 22nd from 4:00 pm to 6:00 pm

Our first Summer *Discover Garden Educational Sessions* is Wednesday, May 29th: *Care and Placement of Ornamental Grasses in the Home Landscape*, presented by Polk County Master Gardener and Co-Chair of the Discovery Garden, Earl Hinnenkamp.

The Session begins at 6:00 pm after our **Wednesday Work Night** at the Discovery Garden, located just south of the John Deere Agricultural Building at the Iowa State Fairgrounds.

**Mark your Calendar:** Thursday, August 8 - Sunday, August 18 - 2019 Iowa State Fair

**Co-Chairs:**
Dean Brand  **drbrand@mediacombb.net** tel: 515-360-0774  
Earl Hinnenkamp  **19earl53@gmail.com** tel: 515.443.0010  
Jean Roe  **ljroe@q.com** tel: 515.205.8706  
Patrick Schmitt  **schmittpatrickj@gmail.com** tel: 515.279.9645

Like us on Facebook: **https://www.facebook.com/groups/discoverygarden/**
Enabling Garden

We have our spring perennial plant sale coming up on **Saturday, April 13th, 1:30 to 3:00pm.** (Rain Date will be Sunday, April 14th) While the team has been busy pre-selling on several East Polk County sites, we will have plants available the day of the sale (that do not need to be reserved). If you are looking for ornamental grasses, iris, day lilies, or hosta, drop by and check out the selection.

It is time to start getting the garden into Spring shape! Mark your calendars for the following dates (weather permitting):

- Saturday April 27th - Garden Clean-up (1:00 PM)
- Saturday May 4th - Garden Clean-up (1:00 PM)
- Tuesday, May 7th - First official work night in the garden (4:00 PM)

Our work nights are **Tuesday nights starting around 5:00 PM, weather permitting.** Plan ahead and come join the fun, working and socializing in the garden

*Thanks and see everyone soon!*

Please connect with us on our website . . .

www.enablinggardenpcmg.org

. . . or keep up to date on current pictures, upcoming activities, or potential changes due to weather on our Facebook Group

Enabling Garden Co-Chairs:
Sandie Hamilton - bhamil7132@aol.com
Paula Winslow - peaceinthegarden@aol.com
Christine Barker - ccbbark1989@aol.com
Sharon Schoonoer - schoony35@aol.com

**Important Change:**
Polk County Master Gardeners Garden Tour Cancelled for 2019

As you may have heard, we weren't able to find enough master gardeners willing to offer their home garden for the tour this year. We were only able to find 4 gardens for the tour and we felt we needed a minimum of 6 gardens. The planning committee members agreed we should postpone the tour until next year, and try to get a full tour for 2020.

The date we would be looking at for next year is June 27th, 2020.

We'd still like to feature Ankeny and Bondurant because we haven't held our tour in these communities for several years. Feedback from attendees and MG in prior years' tells us that people prefer shorter distances between stops so we'd prefer gardens be closer together but we are open to gardens other Polk County communities.

Regardless of your address*, please consider volunteering your garden for 2020!

In the meantime, please let me know of any PCMG who would be willing to participate on the tour for June 27th, 2020, no matter which community the home is in. Use the link below to volunteer or email / call me to discuss what that would mean for you if your home is on the tour.

Click here to volunteer your home for the 2020 Garden Tour

The Committee will continue to search for additional gardens over this spring and summer and our planning efforts will focus on putting together a tour we can be proud of, filled with demonstrations and activities for children and adults!

Jodie Hand
Garden Tour co-chair

*We do want the gardens to be in Polk County.

Garden Tour Co-Chairs:

Jodie Hand: jodiemariehand@gmail.com
Eric Hand: eric.hand@caseys.com

Art in the Garden

PCMG Art in the Garden will return Saturday, Aug. 3, 2019, from 9-3 at PCMG Demonstration Garden in Urbandale.

This family-friendly event is co-sponsored by Urbandale Community Education. Food, music, learning opportunities (eligible for continuing education certification), free children’s activities, and over twenty garden-themed art vendors will be available.

Opportunities for Master Gardeners will include volunteering in a number of roles, all of which are eligible for volunteer service hours, opportunities for continuing education hours, and a make and take projects. Vendors of photography, hand painted cards, jewelry, decorative yard art, iron sculptures, soaps, art glass, and pottery will be represented.
Art in the Garden profits all serve to support Polk County Master Gardener projects. Gardeners, families and volunteers can enjoy live entertainment, learn gardening skills, participate in hands-on activities, buy fun garden-themed art, and socialize with other Master Gardeners.

Please mark your calendars now. Volunteer signup will be open about 6 weeks before the event, and will be publicized through the Green Thumb.

Art in the Garden Chair:
Katherine Howsare: howsarek@live.com

Volunteer Opportunity for a Writer

Do you have experience writing news articles and / or press releases?

We have an opportunity to be featured this spring in the various Iowa Living Magazines in Polk County Communities

Ike can point you to MG as needed--then you would conduct interviews with PC MG about their love of gardening and how they volunteer. Iowa Living generally likes to have the articles specific to people in the various communities so several articles are possible. I am sure they'd want photos which you could take or I can find a different volunteer for the photography.

Several Committees could use assistance with Marketing, including press releases. There are many ways we could use your writing skills! Contact Ike if you are interested or want to learn more!

nancyike@iastate.edu
Continuing Education from Your Home Computer

Iowa Master Gardener YouTube Channel

CLICK HERE to link to the page

*** *** ***

Recorded Webcasts from Oregon State University Extension (OSU)
Master Garden Advanced Education Series are 1 hour each.

Link to Recorded OSU Master Gardener Advanced Education Series (prior years)

CLICK HERE

____________________________________________________

International Master Gardeners Conference

Pennsylvania will be the host of this year's International Master Gardeners Conference in June in Valley Forge, Pennsylvania.

The Early Registration deadline of April 14th. Check the website for updated information on all aspects of the conference:
www.internationalmastergardener.com

If you have not yet registered, use this link to take you to the registration site on Cvent:
Contact [deb@internationalmastergardener.com](mailto:deb@internationalmastergardener.com) if you have any questions or issues.

![Image of oak leaves]

**Time to stop pruning oaks**

**Message from the Iowa DNR**

It may be cool out, but it is time to finish pruning oak trees to prevent the spread of oak wilt. **The best way to prevent the spread of oak wilt is to not prune any oak tree between the end of March and the start of October.** However, the warm weather conditions indicate that spring might be a bit early this year. For that reason, DNR suggest finishing your oak pruning this year by the end of the first week in March.

Oak wilt has been present in Iowa for many years, and it is caused by a fungus. The trees in Iowa most commonly impacted by this disease are species such as red, black, and pin oak, but it can also infect white and bur oak. If black, pin, or red oak are infected by the fungus that causes this disease they usually die within the same summer they are infected. White oak and bur oak can often take a number of years before they succumb to this disease.

A healthy tree can be infected by the fungus that causes this disease two different ways. The first is through open wounds during the growing season. The fungus is carried from a diseased tree to a healthy tree with an open wound by a small beetle. The second form of infection is through root grafts between oak trees of the same species. For example, if a red oak is infected and there is another red oak within 50 to 100 feet there is a good chance that the roots of these trees are grafted and the fungus can move from the diseased tree to the healthy tree.

Symptoms to look for on infected trees usually include leaves turning a bronzed brown along the outer margins of the leaves. These leaves can often still have some green on them as they fall from the tree. The defoliation tends to start at the top of the tree. **The best way to prevent the spread of oak wilt is to prevent any wounding to oak trees during the growing season.** If a tree is wounded from storm damage or pruning is required during the growing season, treat the wounds immediately with a wound dressing such as acrylic paint. Do not purchase pruning paints/sealants. Those products slow the tree's ability to seal over the wound.

April Office Hours
I have several events outside of the office during April. Most weeks this month you catch me in the office:

- Mondays, Tuesdays, Wednesdays 9:00 to 4:00
- Thursdays 1:00 to 4:00

Phone: 515-957-5761
email: nancyike@iastate.edu

IOWA STATE UNIVERSITY
Extension and Outreach
Extension programs are available to all without regard to race, color, national origin, religion, sex, age, or disability.

Polk County Master Gardeners, 1625 Adventureland Drive, Suite A, Altoona, IA 50009