REMEMBER: PLACE YOUR ORDER QUICKLY!
The Yamhill Soil & Water Conservation District Native Plant sale is
March 6th & 7th at the Yamhill Valley Heritage Center.

Planting pots can now be recycled!
Though there is no market for the plastic, all size pots are accepted at Lowe’s,
where the pots are distributed to local nurseries which sanitize and reuse them.

A Unique Presentation at Mini-College
Mini-College in July will be featuring Robert Michael Pyle as the keynote speaker. He is the founder of the Xerces Society, has written 17 books oriented around nature, is a Guggenheim fellow and a Yale-trained ecologist. Interested in assisting at Mini-college? Contact our own Sue Nesbitt.

“How-to” classes for Master Gardener office are coming soon.
Whether you are certified or not, sign up for these very useful classes.
Feel confident in the future!

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https://ycmga.org/  Facebook.com/yamhillcountymastergardeners
HELP WANTED

**Help needed** for the “Spring into Gardening” raffle committee. Help organize, collect raffle items, display items. Work with 2 friendly and motivated Master Gardeners. Contact Cynthia Norcross or Jennifer Frost. (Click on their names to email these easy-to-work-with women.

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**Gift Certificates**

For YCMGA Plant Sale

Available for $10 or $25 at Yamhill Extension office

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**Plant Sale Gift Certificate** $10

Yamhill County Master Gardener’s Association

to:_________ from:_________

For redemption at the YCMGA Plant Sale on May 2 - May 3, 2020

Not redeemable for cash • For purchase of YCMGA plants only

Cash or checks only, please.

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**Extreme Topiary**

**Plant Sale**

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February 2020

**03 Monday**

**“Spring into Gardening” Committee meets:** 10am in the Public works Auditorium, until finished.

**06 Thursday**

**[AM] entomology** by Michael O’Loughlin, OSU Extension Master Gardener. 9am to noon

**[PM] Plant Problem Diagnostics** by Brooke Edmunds PhD, Community Horticulture, OSU. 1pm to 4pm.

**08 Saturday**

**INSIGHTS INTO GARDENING:** Full day of classes provided by Benton County Master Gardeners. LaSells Stewart Center, OSU campus. All day. See info. in this edition of the Grapevine.

**12 Wednesday**

**YCMGA Board Meeting:** 10 am to about noon. In the Public works Auditorium next to Extension Office in McMinnville. As always, all Master Gardener trainees and Master Gardeners are invited to attend.

**Education/Outreach Committee meets:** noon to 1pm in the Public works Auditorium, after board meeting.

**13 Thursday**

**[AM] Vertebrates:** Chip Bubl, OSU Extension, Columbia County. Public Works Auditorium. 9am to noon

**[PM] Integrated Pest Management:** ONLINE MODULE, NOT AT EXTENSION OFFICE. Completed on own computer on own schedule.

**BUY A PLANT SALE GIFT CERTIFICATE TODAY FOR YOUR SWEETHEART, FOR TOMORROW IS Valentine’s Day!**

**20 Thursday**

**[AM] Pruning:** Neil Bell, OSU Extension Marion and Polk Counties. Public Works Auditorium. 9am to noon

**[PM] Tree Fruits:** Erica Chernoh, OSU botany & plant pathology. Public Works Auditorium, 1pm to 4pm

**27 Thursday**

**[AM] Plant Diseases:** Cynthia Ocamb, PhD Lane County Extension, Public Works Auditorium, 9am to noon.

**[PM] Weeds:** Heather Stoven, OSU Extension Yamhill County. Public Works Auditorium, 1pm to 4pm.

**29 Saturday**

**“Seedy Saturday” in Willamina:** 10am to 1pm in Willamina. (We still need one more volunteer to staff the Master Gardener booth).
Yamhill County Master Gardeners

Welcome

Mentors: Rosemary and Rekha

Yamhill County Master Gardener Trainees for 2020

Mentors: Eileen and Gin

Two additional trainees on page 6
February is a big planting month at the Community Garden as we will plant lettuce, spinach, peas, carrots, swiss chard and a few potatoes. Onions will follow in March. There are many reasons for the early plantings, such as: getting 2 crops out of each bed, early fresh vegetables to feed the nutritionally malnourished through the Food Bank and to lessen the spring workload.

In the greenhouse, we are also growing spinach and lettuce starts for the Master Gardener "Garden to Table" educational series. This replaces the prior “Seed to Supper” program. We also donate a quantity of raised beds for these students to learn the first steps in gardening.

A hint on seed potatoes. There is no need to purchase expensive seed potatoes. Just purchase some organic potatoes at the market at 20% of the cost of the seed potatoes. Purchase now and place in a warm light location in the house to begin growing sprouts. Sprouted potatoes will grow much faster in the garden and give you new potatoes to eat in late spring or early summer.

Alan Wenner
Fascinating Fasciation

Ever notice an unusual flattened, ribbed stem on a plant? This distortion is known as “fasciation” and is not “curable.” (Not to worry: the solution to this growth is easy and simple). Besides being uniquely flat, the section of stem is often also twisted, and flowers can look like two flowers pushed together (as with Siamese twins).

Note that broadleaf herbicide drift can cause similar damage, but herbicide damage usually presents with leaves and new growth that are twisted, distorted, and often thickened. Branches, under light herbicide drift, will not usually be affected, whereas fasciation occurs only in stems. This disorder is caused by the apical meristem of the plant, which normally produces cylindrical tissue, instead becoming elongated perpendicularly to stem growth, and continues growing as a flat, ribbed stem.

What causes it? It can have a genetic, hormonal, bacterial, fungal, viral, or environmental cause. Clearly, the specific origin of fasciation is rarely found; it can be caused by almost any plant vector. But the solution is the ultimate in simplicity: just prune out the infected branch! That will remove the problem growth, which almost never returns to the same plant.

Donn Callaham

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How We Helped: February, 2019
A Quick Review of Master Gardener intakes for this month a year ago

There was quite a variety of questions last year for February. A number of clients asked questions about FRUIT TREES: what kind of dormant spray to use on apples, is this a canker on my apple tree? One client wanted to know why her blueberry plant was showing decreased vigor. Another had an interesting question about whether it was safe to plant BLUE-BERRIES beneath her trumpet vine. Turns out the trumpet vine can be very much a skin irritant and her grandchildren would be picking the blueberries.

PRUNING QUESTIONS came about apple trees and about arborvitae. We provided information for a client about varieties of LAVENDER, about POND WEED CONTROL, and about using a HEAT MAT for starting seeds. What about PLANTING an American Butternut tree near a Black Walnut? - we suggested 50 ft between them. An observant client noticed ODD GROWTHS on leaves of the side of a shrub near a grass farm and we said maybe growth regulator spray drift from the farm. The client who showed the most faith in us brought in a branch and asked us to identify it. (We asked for photos of the entire plant!)

Susan Burdell
What can be better than day-dreaming of Spring during these grey winter days? The seed catalogs have been arriving and our MG greenhouse will get its spring cleaning and will be back open in a few weeks. Advertising for local Northwest garden shows and events are popping up and the industrious “Spring into Garden” crew is busy planning our own Yamhill County event as well.

With all garden activity germinating, it’s not too early to start thinking of the 2020 Plant Sale. This year’s event will again be on the first weekend in May (the 2nd and 3rd of May). The sale hours will be 9:00 am to 3:00 pm on Saturday in the Leslie Lewis Pavilion, and 11:00 am to 2:00 pm on Sunday at the Wiser Pavilion (both buildings at the Yamhill County Fairgrounds in McMinnville).

THERE ARE MANY OPPORTUNITIES FOR VOLUNTEER HOURS.

The Plant Sale Team was at the 2020 Job Fair to chat with all the new trainees about the many and varied opportunities for volunteer hours. The 2020 edition of the Plant Sale Sign-Up Book was then unveiled and the co-chairs answered questions.

Master Gardeners and Trainees can now sign up for various jobs during the Plant Sale. Please stay tuned to upcoming editions of the Grapevine for more specifics and information on how each one of you can lend your talent. Remember, the Plant Sale is the primary fund-raising event for YCMGA. Proceeds from the sale provide scholarships, awards, and donations as well as operating capital for our organization.

Don’t forget: we sell Plant Sale Gift Certificates!

Catching a Rat by its Tail

After reading the title you may be thinking of those nefarious rodents inhabiting our neighborhoods, but instead I am referring to an interesting intake we had last week – the rat-tailed maggot (Eristalis tenax).

This immature insect was brought into our Extension Office and likely originated from a koi pond that was getting a cleaning. In its larval life stage this insect is rather unattractive: it is a ¾” long whitish maggot with a ½ inch “tail” that is a breathing tube since this stage typically lives in stagnant aquatic habitats feeding as a scavenger.

As an adult these insects are a type of hover fly: they are “bee mimics,” feeding on nectar and providing pollination to flowers. I was very excited to learn of this type of hover fly, as many of our commonly encountered hoverflies have predacious larvae, feeding on soft-bodied prey such as aphids and thrips. This one has quite the distinct life cycle in comparison.

This just goes to show, you never know what kind of interesting garden problems might walk through the Master Gardener Clinic door!

For more information: https://ucanr.edu/blogs/blogcore/postdetail.cfm?postnum=14240
Plant Sale
Sponsored by Yamhill County Master Gardeners

Saturday, May 2nd
9:00 AM - 3:00 PM

Sunday, May 3rd
11:00 AM - 2:00 PM

at the
Yamhill County Fairgrounds
2070 NE Lafayette Avenue, McMinnville

Thousands of plants at great prices
Plant Selection Assistance
Specialty Vendor Booths
FREE Soil pH Testing
Plant Help Clinic

Gift Certificates are available now!

For more details, call 503-434-7517
or go to: ycmga.org

Proceeds support YCMGA
Educational Horticultural Programs in Yamhill County

Due to overcrowding, please, no strollers or wagons will be allowed in the building.

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Oregon State University
Extension Service
Master Gardener

YAMHILL COUNTY
GROWING A BETTER COUNTY

Due to overcrowding, please, no strollers or wagons will be allowed in the building.
A series of online pruning modules, developed by Dr. Bernadine Strik, Professor of Horticulture, is now being offered through Professional and Continuing Education at Oregon State University.

The series is designed to provide small farmers and home gardeners with the information needed to prune and train berry crops common to North America, including table grapes, kiwifruit, raspberries, blackberries, and blueberries from establishment through maturity.

The series is offered as self-paced on-demand modules available anytime online. The modules consist of narrated lectures with photos and videos. Each module consists of 4 – 8 lectures totaling 1.25 – 2.5 hours in length. Registration is available for single modules or for the series at a discounted price. For more information on topics covered and cost go to:

workspace.oregonstate.edu/course/pruning-series?hsLang=en

If you have questions, contact Workspace | Professional and Continuing Education: Email: workspace@oregonstate.edu
Phone: 541-737-4197
I hope the New Year has been treating you all well. This time of year has always been busy as our training class gets underway and a number of the YCMGA committees also are ramping up, such as Spring into Gardening, Garden to Table and the Plant Sale.

Unfortunately as some of you have found, our training classes this year are quite full due to limited space in the PWA Auditorium. We have a full class of trainees this year – 27 in person and 3 online. I am looking forward to them getting integrated into our program as time goes on: they are a great group.

For those of you who are concerned about getting continuing education hours due to the full training classes, there will be other options for education in the future. The Master Gardener Advanced Training Webinars are a way for you to obtain continuing education hours for free in the comfort of your home. Watch them online either live or previously recorded. Link is below:


Other options include MG educational seminars both within and outside our county. Events such as Spring into Gardening, Insights into Gardening, the Linn County Beeevent and Mini College all count towards continuing education. Our education committee is also working to plan educational events during the spring and summer for the public and Master Gardeners.

Lastly, there is a new option for continuing education which involves reading an approved research-based publication and reporting what you learned from reading the publication into VRS. More specifically, this could involve reading an OSU Extension Publication which piques your interest and reporting the following things:

- Author. Year. Title. Publication Number or other identifying information.
- Where you found or accessed the Publication
- What is the overall goal of the publication?
- List three things that you learned from reading this publication.
- List two ways you can use this information in your volunteer service and/or your own garden.
- Report 1 hour of CE per publication, in the VRS system

There are over 250 Extension publications in the OSU Extension Publications Catalog related to gardening. This is a great opportunity to brush up on a topic that pertains to your garden such as veggie gardening, fruit trees, bees or more. For more information, read below or ask Carla or myself.

For further questions about continuing education opportunities, or to check if other outside events count as continuing education, please contact Carla or myself.

http://blogs.oregonstate.edu/mgcoordinators/2019/10/

If we had no winter, The spring would not be so pleasant.
Fact or Fallacy: Light on Trees at Night

Linda Chalker-Scott, PhD. of Puyallup Extension, Washington State U. has researched dozens of plant topics. This article is an extremely brief synopsis of her work on various horticultural myths. Condensed by Donn Callaham.

**The Premise:** Exposing trees and shrubs to strong lights at night helps them grow.

It seems reasonable that exposing trees to additional bright light at night (such as yard lights or streetlights) would aid photosynthesis, giving the tree extra “growing time.” However, while temperature and water levels do fluctuate dramatically throughout the year, the changes in day length are constant and predictable.

Temperate plants cue into this shift in day length and at a particular light:dark ratio will initiate biochemical changes to prepare for winter dormancy. An uninterrupted dark period is critical for this process as well as for flower bud initiation in certain plants. The effect of additional light at night is easiest to notice in autumn as the leaves senesce.

Leaves that are still green due to artificial light are killed by the first frost and so the tree loses the resources in those leaves. Hi-intensity light sources, such as high-pressure sodium lamps, have the greatest impact on delaying leaf senescence and subsequent dormancy of landscape trees.

The result is the same as any injury to a tree, gradually weakening it. The tree may not grow as it should, and the roots associated with the affected branches may die. Plus, any flowering (and fruiting) can be disrupted. The solution is simply to avoid planting very close to a yard or street light.

Leaves exposed to light do not mature and senesce properly.

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**Planting trees and shrubs near yard lights will...**

- **Interrupt** flowering cycles.
- **Delay** winter dormancy.
- **Weaken** the tree or shrub over time.
- **Cause the plant to be more susceptible** to any adverse conditions.
- **Negatively affect** the plants growth and size.
- **Possibly eventually** kill the tree by weakening it over time.
Citrus groves in south and central Florida (where most citrus groves are located) are being decimated by a bacterium known as Huanglongbing, also referred to as HLB or “citrus greening disease”. It appeared in Florida in 2005 and has now destroyed 75% of citrus trees there, putting over 5000 citrus growers out of business. The disease is spread by the Asian citrus psyllid (*Diphorina citri Kuwayama*): there is no known cure. The only way to stop HLB is to remove infected trees as quickly as possible to limit the spread of the pathogen.

Inspecting the trees for damage is the only practical way to determine infection, but by the time there are visible symptoms it is too late, as the tree has been harboring the bacterium for years. There is also a laboratory procedure known as a polymerase chain reaction test to detect infection. However, it analyzes only pieces of tissue samples from any given tree. One sample may be healthy, but other tissue in the same tree can be infected without being detected. Another disadvantage of the lab test (besides the cost and labor) is that it is at best only 25% accurate.

Now a “new” detection tool is available, and over 99% successful in detecting infection anywhere in the tree. The tool is specifically-trained dogs, who travel row by row through orchards, checking every tree. Within 2 to 3 seconds the dog can determine the health of the tree, sit quickly to indicate presence of the pathogen, then move to the next tree.

Another benefit of using dogs is that they are assessing the health of the entire tree, not just a part of it. Using dogs has proven to allow ten or more years of production from a grove, whereas using visual cues and lab tests help for less than one year.

This does not mean that the spread of the bacterium will be stopped, but it is a huge step in slowing its progress and allowing time to find a more permanent solution.

CONDENSED REVIEW of January 2020
YCMGA Board Meeting notes

Treasureer’s Report: At the end of the year YCMGA had approximately $54,000. Once again everyone was reminded of the policy changes for reimbursement requiring completion of a reimbursement form for all reimbursements. Copies are available online and on paper in the office (and have been for several months).

Heather Report: Since space is severely limited at the MG classes this year, it is paramount that any certified Master Gardeners who are not mentors sign up for classes they wish to attend. People will be admitted on a first-signed-up, first allowed basis. Signup for the day will be as usual on a clipboard at the front of the auditorium. There is a waiting list of Master Gardeners wishing to attend, so it is asked that any MG’s who have changed their minds re: attending a class, LET CARLA KNOW WELL AHEAD OF TIME, so someone else may attend in their place.

Correspondence: As departing President, Rita was asked by staff at Newby Elementary School if Master Gardeners would produce Mother’s Day gift plants for all their students each year (which would be 550+ plants). The school personnel are looking for a cheap or free source of plants. We enthusiastically and compassionately declined.

Awards/Memorial Committee: Nancy and Polly will determine the requirements for people to be memorialized with plaques. The plaques listing hours and awards (that are hung in the Extension Office hall) are now completed and hung.

Education/Outreach plans to have a clinic in Willamina on February 29th, from 10am to 1pm. This event is known as “Seedy Saturday.” YCMGA will also have a table at the Yamhill County Soil and Water Conservation District native plant sale, occurring in early March. We will be present both sale days (Friday and Saturday). Booth hours will be 8:30am to 6:00pm, including setup and deconstruction. We had better have at least 2 shifts for this event!

Community Garden: It is a time of rest right now. Spinach and lettuce have been planted, and 25 pounds of radishes were harvested.

MGA: YCMGA will be hosting the OMGA quarterly meeting next September. It could be potluck, though OMGA always provides $300 for food purchases, while the hosts supply beverages and dessert. It goes without saying that Polly will take care of all food planning and needs. Friday of the event will be “Education and Outreach” and Saturday the actual board meeting. All Master Gardeners are invited to attend, just out of curiosity, though there will probably be room for only about 15 guests. (That cramped auditorium again).

We need to decide whether or not YCMGA will have either a display or a sales booth (or both) at Mini-college. If so, OMGA wants notification by March. The YCMGA board will vote on that issue at our February meeting.

Mentoring Committee is totally on top of everything. There is also a waiting list of five or more people who want to take the classes.

Garden-to-Table: YCMGA has received the grant from Yamhill Community Care Organization (YCCO), and all that is needed now are some more bilingual instructors.

Perennial Propagation is simply maintaining its existence, living in apprehension of upcoming frigid weather.

Plant Sale Committee A tightly-controlled presale for Master Gardeners who are working the initial shift is being cautiously planned. Possibly the presale would be before the actual sale opens. The most important aspect of this is being sure that the public does not perceive this special time as an unfair advantage for Master Gardeners (over the public). Further plans for this presale coming.
The issue of plants donated by Master Gardeners was discussed, and is being worked on by the committee. Suggestions were made to have all these plants labeled with YCMGA official plant tags, not with homemade labels. This would also mean that donors would have to have their inventories and all relevant information turned in at the very least 14 days before the sale.

**Demo Garden** participants are congratulating themselves on their timing re: removing the rose garden. With the current rain, it would have been a horrendous mess - not fun at all.

**Resource Manual:** The Resource Manual is as complete as it can be, given the fact that, after a year of reminders, several committee chairs have not yet turned in their material for the manual. Missing are job descriptions for Newberg Farmers' Market, herbarium, and Garden-to-Table (which is still in formative stages).

The “Desk Captain” position was also discussed, because there are no captains listed. Carla is the person who prepares and distributes the schedule for working the MG desk, and even notifies back-up people if an operator is missing. *Susan Burdell has tentatively volunteered to be Desk Captain, if we do have one.*

**Liability insurance** has become a constant and critical issue for YCMGA. OMGA is considering covering insurance for all the chapters at all events, but this is tentative only, and is probably far in the future, or never. Though Master Gardeners is an OSU program and OSU responsibility, the school has no interest in helping chapters procure insurance. There is no indication that OSU will be supportive re: insurance in the future. The Fairgrounds and City of Dayton now require specific liability coverage for our participation in their events. That means that every event must be listed with the insurer well ahead of the event taking place. Our current insurer won’t do this, so Susanne will compare insurance companies, seeking a more flexible company than our present one.

**Crosswalk Safety:** Having MGs and trainees crossing Lafayette Avenue for classes is hazardous. Therefore a committee got permission from the city to use the Wortman Park parking lot during January, February, and March when we arrive for classes. The city of McMinnville lent us traffic cones and signs to use for a temporary crosswalk. One of the three committee members will be responsible for placement and removal of the signs and cones each Thursday. We will even have special prizes for those who make it safely across Lafayette on the way to class. (On the way back, your reward is simply to get home unscathed).

**New Business:** A new or totally changed greenhouse was discussed, as the current one is small, too tall to heat, and has no heat anyway. People seemed to unofficially agree that YCMGA should allot about $30,000 to this project. There are numerous possibilities:

- Convert the current greenhouse to propane heat.
- Install a dedicated electric meter (for the greenhouse) and soil-heating pads under beds.
- Cease use of the Newberg High greenhouse, which is distant and also wholly dependent on just 2 hard-working YCMGA volunteers.
- Build a smaller “room” in the current greenhouse to make heating more feasible.
- Construct a completely new greenhouse.
- Change the location of the greenhouse to a roomier spot (but still on the fairgrounds).
- Form a special committee to consider all possibilities and suggestions.

(We cannot make use of the Wiser Pavilion space, as the fair board intends to turn that into a destination for minimalist econo-weddings some day!!!!)

For now, YCMGA members are asked to consider all types of greenhouse options and come up with ideas for improvement.
Yamhill County Extension
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https://extension.oregonstate.edu/yamhill

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For free subscription by email, send request to above address.

General meetings of the Yamhill County Master Gardeners™ Association are announced in this newsletter and are open to the public.

Contributors vary by monthly edition.

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http://extension.oregonstate.edu/yamhill/

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