



Metro Master Gardener™ Newsletter

April 2014

OSU Extension Service

Metro Master Gardener™ Program

<http://extension.oregonstate.edu/mg/metro/>

Serving [Clackamas](#), [Multnomah](#), and [Washington](#) Counties
in the metro area since 1976.

Mission Statement

We provide relevant, research-based education and outreach to the public of Clackamas, Multnomah, and Washington Counties about horticulture and household pests. This information promotes sustainable practices that minimize risks to human health and the environment.

The OSU Extension Master Gardening Program™ is funded in part by Metro, the elected regional government for the 25 cities and three counties in the Portland metropolitan area.

www.oregonmetro.gov/garden

Program Staff

Weston Miller - Horticulture Faculty

weston.miller@oregonstate.edu

(503) 650-3124

Pukhraj Deol - Horticulture Faculty

Pukhraj.deol@oregonstate.edu

(503)821-1124

Jordis Yost - Program Coordinator

jordis.yost@oregonstate.edu

(503) 650-3118

Margaret Bayne - Admin. Program Specialist

margaret.bayne@oregonstate.edu

(503) 650-3126

Newsletter Volunteers

Jean Bremer - Editor

jean.bremer@oregonstate.edu

Heidi Nichols - Proof Reader

heidinichols@comcast.net

Mailing Address

Clackamas County Extension Service
200 Warner-Milne Rd.
Oregon City, OR 97045



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Master Gardener team update- April 2014

This is a busy time of the year for OSU Extension Service Master Gardeners (MG). We are staffing clinics, phones, fairs and plant sales. Watch the newsletter and emails for ideas and be sure to contact the coordinators listed in the document attached to the newsletter announcement email.

This newsletter from the Master Gardener program team (Weston, Pukhraj, Jordis and Margaret) contains the following information:

1. A message about your 2014 volunteer experience.
2. Some vegetable gardening videos with Weston Miller.
3. Coordinator positions available.
4. Outreach to underserved audiences.
5. Upcoming recertification opportunities.
6. Support activity with Sauvie Island Center.
7. Master Gardener program team thank you and contact information.

1. A message about your 2014 volunteer experience

The trainees in the class of 2014 just finished the classroom training and are ready to start volunteering! We are really excited to see this newest class of trainees join our valued veterans and see how rewarding it is to contribute to our local communities.

MG Guides and veterans are especially valuable now because the new trainees are going to need guidance as they learn how to get connected and feel at ease in their new roles. Veterans...make sure to introduce yourselves to the new class trainees, be open to some great questions, and you will be rewarded by getting to know some really great folks with varied talents.

Another bonus is that a class of eight new metro online trainees for 2014 will be finishing their classes this month and will be joining the great list of opportunities that we offer. Welcome online trainees!

We want to congratulate all 2014 Trainees for completing the classroom part of the MG training and welcome you to the Internship part of the training. As an MG intern you will gain practical experience through 66-hours of volunteer service during your internship period (April-Sept 2014).

Online registration is open for a wide variety of events across the Metro area. The MG Program makes sure that a veteran MG is always present with MG Trainees on their volunteer shifts. So make the most of this great opportunity to learn and volunteer.

To sign up for volunteer events that interest you, login to the CERVIS Event Registration system. The [link to CERVIS](#) is available on the [Metro MG website](#) (see the second-to-last item on the list of items on the left of the home page). The directions on how to login and complete your volunteer profile are also available on the website (see the third-from-the-last item on the home page).

After logging in, register for your desired shifts to start earning volunteer hours to complete your 66-hour internship training.

Note: You will notice that most event names in CERVIS start with INT (visible to interns only) or VET (visible to veteran MGs). That is to ensure that at least one veteran MG is signed up for each volunteer shift.

Registration for the following events is open online:

- **Phone Clinic Orientations:** Sign up for the Phone clinic orientation to visit the Phone clinic location of your choice and attend a one-hour training by an experienced veteran MG.
- **Clackamas, Multnomah and Washington County Phone Clinics:** Sign up for April and May phone shifts to continue your learning by answering gardening questions from the public. Questions come through email or phone calls.
 - Remember, a veteran MG will always be present during volunteer shifts and questions do not have to be answered right away. It is fine to research the problem and get back to the client with the answer. So, give it a try. If you find this is something you enjoy, then sign up for June, July, Aug. and Sept. shifts as well. (Registration is already open for these months.)
- **Farmers' Market MG Clinics:** Registration is open for volunteer shifts at Beaverton, Cedar Mill, Gresham, Hillsboro Downtown, Hillsboro Orenco, Hillsdale, Hollywood, King, Lake Oswego, Lents International, Milwaukie, Oregon City, Sherwood and Tigard Farmers' Markets.
- **Other clinics:** International Rose Test garden Clinic (training required), Zoo Backyard Makeover Clinic (training required), Peninsula Park Rose Garden Clinic, Pittock Mansion Clinic.
- **Blue Lake Discovery Garden** is a great way to engage families in garden discovery
- And many one-time events.

2. Some vegetable gardening videos with Weston Miller

- [Choosing the Right Garden Tools for Your Vegetable Garden](#)
- [12 Garden Planning Tips to Maximize the Growing Season](#)
- [Plant Spring Seedlings Now](#)

3. Coordinator positions available

Occasionally we have coordinators (for Markets, Fairs and so on) that need to move on to different tasks, leaving the coordinating positions open. We are currently looking for MGs interested in applying for any of the following coordinator positions:

- Blue Lake Discovery Garden
- Cedar Mill Farmers' Market (for 2014)
- Clackamas County Fair (for 2015)
- Gresham Farmers' Market
- Oregon State Fair Clinic (Aug 29-31)



MGs may report 25 volunteer support hours for serving as a coordinator and additional hours volunteered can be added to the 25 hours if the position takes more time. Most of the tasks can be done at home. Call or email Jordis if you want to hear more.

4. Outreach to underserved audiences

The MG Program is working to enhance our outreach to underserved audiences, including Spanish speakers with limited English-speaking skills. One of the Speakers Bureau Programs “Starting Your Vegetable Garden” and the complete “Seed to Supper” Program curriculum are now available in Spanish. “Seed to Supper” is a joint effort of Oregon Food Bank (OFB) and the OSU Extension Service. It is a comprehensive, five-week, beginning gardening course that gives novice, adult gardeners the tools they need to successfully grow a portion of their own food on a limited budget. As a “Seed to Supper” educator, you will be provided with mentoring, training and teaching resources. You will always work in a team of two to three. So if you are willing to take the brave leap to become a bilingual garden educator or have an interest in helping the MG Program with this outreach effort, please contact pukhraj.deol@oregonstate.edu.

5. Upcoming recertification opportunities

- April 1 “Slugs and Snails – Know Your Enemy”, Claudia Groth, 7:15 pm, First Baptist Church, 5755 SW Erickson Avenue, Beaverton. WCMGA:
<http://www.metromastergardeners.org/washington/washspeakers.php>
- April 2 “Pest and Disease Prevention for Perennial Fruiting Plants”, Monica Maggio, 7:00 -9:00 pm, Commons at Tabor Space, 5441 SE Belmont Street, Portland. Fee for class.
<http://www.corefruitinstitute.com/>
- April 5 “Seasonal Maintenance for Fruit Trees”, 10 am – 2:30 pm, Monica Maggio, CCC & Home Orchard Society Arboretum. Fee for class.
<https://pace.oregonstate.edu/catalog/seasonal-maintenance-fruit-trees>
- April 5 “Soil School”, 8:30 am – 2:30 pm. (Registration is full; contact them to be put on waiting list) Lewis and Clark College, Albany Quadrangle, 0615 SW Palatine Hill Road, Portland. Fee for class. WMSWCD: <http://www.wmswcd.org/content.cfm/Calendar/View-Event?EventID=530>
- April 8 “Bees on the Brink”, Ramesh Sagili, OSU Entomologist, 7 pm, Mt. Tabor Presbyterian Church, 5441 SE Belmont Street, Portland, MCMGA.
- April 8 “Container Gardening for Vegetables and Herbs”, 9:30 – 11 am, Washington County Fair Complex-Master Gardener Demonstration Garden, Hillsboro. WCMGA:
<http://www.metromastergardeners.org/washington/>
- April 10 “Simplifying Compost”, 10:00 am, Jenkins Estate Master Gardener Learning Garden, 8005 SW Grabhorn, Beaverton. WCMGA:
<http://www.metromastergardeners.org/washington/>
- April 12 “Secrets of the Tomato Masters”, 9:00- 11:00 am, Milwaukie Center, CCMGA:
<http://www.cmastergardeners.org/free%20events/eventsCalendar.htm>
- April 15 “Mason Bees and Other Native Pollinators”, 9:30 – 11:30 am, Washington County Fair Complex- Master Gardener Demonstration Garden, Hillsboro, WCMGA:
<http://www.metromastergardeners.org/washington/washevents.php>

- April 19 "Intensive Gardening: Square Foot by Square Foot", 10:30 am – 12 noon, Forest Grove City Library 2114 Pacific Ave. WCMGA: <http://www.metromastergardeners.org/washington/washevents.php#sthash.4srvGYbG.dpuf>
- April 22 "Ornamental Pruning: the Reaction to the Action", 9:30 – 11:00 am, Collier Arbor Care, Washington County Fair Complex -Master Gardener Demonstration Garden, Hillsboro. WCMGA: <http://www.metromastergardeners.org/washington/washevents.php>
- April 26 "Native Plants of the Lewis and Clark Trail", 10:00 am, Jenkins Estate-Master Gardener Learning Garden, 8005 SW Grabhorn, Beaverton. WCMGA: <http://www.metromastergardeners.org/washington/washevents.php#sthash.sywgpUgc.dpuf>
- April 29 "Square Foot Gardening", 9:30 – 11:00 am, Washington County Fair Complex-Master Gardener Demonstration Garden, Hillsboro. WCMGA: <http://www.metromastergardeners.org/washington/washevents.php>

6. Support activity with Sauvie Island Center

Join Sauvie Island Center in educating local youth about food, farming and the land!

A trip to Sauvie Island Center is a rich and unique opportunity for Portland elementary school students to visit and explore the Sauvie Island Organics Farm and the grounds of Howell Territorial Park, managed by Metro. During a visit to the farm, students eat plant parts, explore the food web, discover healthy soil, and search for pollinators while planting, tending and harvesting. Volunteers are essential to the program! **SPRING field trips will begin Tuesday, April 8th and run through Friday, June 13th. Each trip is a 5-hour volunteer day from 9:00 am – 2:00 pm.** Gain skills and experience in farm-based education, gardening, ecology, leadership and teaching in addition to fulfilling your Master Gardener Support hours!

- **New Volunteer Training: Thursday, April 3rd, 9:00 am – 4:00 pm (Lunch provided)**
- **All Volunteer Enrichment: Friday, April 4th, 9:00 am – 3:00 pm**
- **Location: Howell Territorial Park on Sauvie Island**
- **To Apply:** Please email your completed volunteer application form found on our website (<http://www.sauvieislandcenter.org/get-involved/volunteer/>) to: Shawna Hartung, Education Program Manager: shawna@sauvieislandcenter.org. For more information, call **Sauvie Island Center** at [503-341-8627](tel:503-341-8627).

7. Master Gardener program team thank you and contact

THANK YOU! for your support of the Master Gardener Program and please let us know if there is anything that we can do to help your volunteer experience. We are here to help you!

[Contact us: Weston Miller, Pukhraj Deol, Jordis Yost, and Margaret Bayne](#)

Natter's Notes

Hot topics: Azalea lace bug; Brown garden snails; BMSB; Impatiens downy mildew; & SWD

Jean R. Natter

This month, let's briefly review five invasive pests which arrived in Oregon during recent years. All have caused significant damage to local gardens and can be challenging to manage. Researchers continue to evaluate potential effective strategies and products.

Azalea lace bug (ALB; *Stephanitis pyrioides*)

Gardeners throughout our region are truly bugged by the apparently untiring efforts of azalea lace bugs to suck their azaleas dry. In spite of the azaleas' dreadful appearance, entomologists say that the shrubs will survive.



Stippling damage on a rhododendron leaf due to feeding by the piercing-sucking mouthparts of azalea lace bug.

Although the Encore series of azaleas were revealed to be resistant to ALB during research trials in Georgia, they have yet to prove themselves in the northwest.

Resources:

- PNW Nursery IPM http://oregonstate.edu/dept/nurspest/azalea_lace_bug.htm
- "Azalea Lace Bug: Biology and management"
<http://ir.library.oregonstate.edu/xmlui/bitstream/handle/1957/40424/em9066.pdf>
- Rhododendron lace bug, *Stephanitis rhododendri*
<http://oregonstate.edu/dept/nurspest/lacebugsonrhodies.htm>



An adult azalea lace bug, surrounded by dark fecal droplets, on the underside of a leaf. (October 2013).

The key to limiting ALB populations is to decimate as many nymphs as possible shortly after they hatch, sometime between mid-May and early June. Such action decreases the number of adults which will be available to produce successive generations the same year. Timing is the key to success. Monitor the undersides of the leaves daily and then leap into action when the nymphs appear, hitting them with the spray of your choice. Among the least toxic active ingredients are insecticidal soap, horticultural oil, and neem. Repeat applications as needed through the season. The big challenge will be to thoroughly coat the undersides of the leaves.

BMSB (Brown marmorated stink bug; *Halyomorpha halys*)

BMSB have been established in the eastern US since the mid-1990s, where droves of the insects were first nuisance pests but soon showed their true identity as plant pests, attacking agricultural crops, home gardens, and landscape plants.

BMSB was first identified from Portland, OR, in 2008, and spent the next several years as nuisance pests similar to box elder bugs in that they over-winter in and around houses. They've expanded their range the past several years and are currently considered a viable threat to agriculture in Washington and Oregon. Home gardeners are feeling the pain, also. Samples of damaged pears, apples, and persimmons have been brought to our MG offices. Their potential host list of 400 plants is unnerving.



Compare BMSB, *Halyomorpha halys*, (left) characterized by light-colored bands on antennae, a pale ventral surface, and smooth "shoulders" to a rough stink bug, *Brochymena* species, (right), a native predator insect with "rough" shoulders and dark ventral surface. (The graph has four squares per inch.) (March 2014)..

Resources:

- PNW Insect Handbook <http://pnwhandbooks.org/insect> Once there, see the left menu.
- Oregon BMSB Work Group <http://horticulture.oregonstate.edu/group/brown-marmorated-stink-bug-oregon>
- StopBMSB <http://www.stopbmsb.org/where-is-bmsb/>
- Penn State <http://ento.psu.edu/extension/factsheets/brown-marmorated-stink-bug>



A pestiferous brown garden snail, (left) compared with the Pacific sideband snail, *Monadenia fidelis*, (right), an Oregon native snail of similar size and coloration.

Brown garden snails (BGS; *Cantareus aspersus*)

Brown garden snails, *Cantareus aspersus*, (synonyms: *Helix aspersa*; *Cornu aspersa*, and *Cryptomphalus aspersus*), are described as exotic phytophagous snails– translation: voracious non-native, plant-eating snails that damage numerous garden and landscape plants. BGS were deliberately imported to California during the Gold Rush days in the mid-1800s to be raised and sold as escargot. With time, escapees and their progeny spread through that state and elsewhere. BGS were first identified in Oregon near Eugene but were declared to be too widespread to attempt eradication. Unfortunately, BGS thrives in our region. And far too often, BGS hitch-hikes to new areas via plant swaps and sales sponsored by well-meaning, but unwitting, gardeners.

About one inch in diameter at maturity, BGS can live for four years under normal conditions. Here in the northwest, their shells are typically quite fragile. But those that reside in gardens and landscapes where gardeners lime every year or two have the same thick durable shells as do their cousins living on the calcium-rich soils of southern California.

Brown garden snails forage whenever adequate moisture is present but easily survive dry periods by sealing up. Because BGS have both male and female organs, each one is able to lay a cluster of about 80 eggs a month in a slight depression in the soil.



Brown garden snails mating; later, each one will be able to lay a cluster of about 80 eggs a month in a slight depression it creates in the soil. (Sept 2013).

BGS can be managed with diligent handpicking, perhaps combined with baits containing either iron phosphate or metaldehyde. It's important to understand that decollate snails (*Rumina decollata*), predators of BGS, are illegal in Oregon. http://www.ipm.ucdavis.edu/PMG/NE/decollate_snail.html

Be certain to differentiate BGS from two similar snails native to Oregon, *Cepaea nemoralis* (grove snail or banded wood snail), and *Monadenia fidelis* (Pacific sideband snail). They seldom bother garden plants.

Resources:

- PNW Nursery IPM http://oregonstate.edu/dept/nurspest/brown_garden_snail.htm
- "Brown garden snail" <http://www.ipm.ucdavis.edu/PMG/r107500111.html> and <http://www.ipm.ucdavis.edu/QT/snailsslugscard.html>
- "Brown garden snail regulations" http://www.oregon.gov/ODA/PLANT/NURSERY/Pages/reg_bgs.aspx
- Encyclopedia of Life <http://eol.org/pages/454807/overview> (Although not indicated on the map as distributed in Oregon, BGS are here and thriving, especially in metro Portland.)
- *Cepaea nemoralis* (banded wood snail) http://oregonstate.edu/dept/nurspest/banded_wood_snail.htm)
- *Monadenia fidelis* (Pacific sideband snail) <http://eol.org/pages/454807/overview>).

Impatiens downy mildew (*Plasmopara obducens*)

Downy mildew of *Impatiens walleriana* raced into our region during the 2012 growing season, decimating commercial and home plantings in Oregon and Washington. The disease progresses rapidly. Yellow areas on the upper leaf surface signal trouble on the undersides where fluffy white fungal sporulation is very obvious. Soon, leaves drop and stems collapse. Management in home gardens is limited to sanitation – collect and discard all aboveground plant parts – followed by a 3- to 4-year rotation out of impatiens.

Resources:

- PNW Disease Handbook <http://pnwhandbooks.org/plantdisease/impatiens-impatiens-walleriana-downy-mildew>
- "Downy mildew on Impatiens" http://oregonstate.edu/dept/nurspest/impatiens_downy_mildew.html)
- "Alternatives to Impatiens" <http://flor.hrt.msu.edu/IDM/index.htm>



SWD reared from Queen Anne cherry. Larvae are at the lower right, pupae are near the center of the image. (July 201).

SWD (Spotted wing drosophila; *Drosophila suzukii*)

The spotted wing drosophila, first reported in Oregon in 2009, damages numerous thin-skinned ripening fruits while they are still on the plant. Management in home gardens is largely limited to protecting susceptible fruit on the plant; prompt and frequent harvests; rigorous sanitation; and trapping.



Pupae of two different fruit flies that may infest cherries: Western cherry fruit fly, *Rhagoletis indifferens* (left) attacks only cherries whereas SWD, *Drosophila suzukii* (right) attacks many kinds of soft-skinned fruits. (July 2012).

Resources:

- PNW Insect Handbook
<http://pnwhandbooks.org/insect> Once there, see the left menu . More information is included with entries of the various soft fruits.
- SWD Working Group has publications and videos about identification, management and trap placement <http://spottedwing.org/>
- "Recognize Fruit Damage from Spotted Wing Drosophila (SWD)" ir.library.oregonstate.edu/xmlui/bitstream/handle/1957/19525/em9021.pdf

Friends of Trees Fruit tree giveaway and shade tree sale Saturday, April 19, 10 am – 1 pm 3117 NE MLK Jr. Blvd, Portland

For more information go to their facebook page at
<https://www.facebook.com/events/235046026681601>

1st Annual Shovel Prune Plant and Seed Swap Saturday, April 19, 10 am – 12 noon Pleasant Valley Grade School parking lot 17625 SE Foster Rd, Gresham

For more information contact Duane Werner, 503-200-7697 or
The Garden Web page at
<http://calendar.gardenweb.com/display/201404191000014451.html>



HORTICULTURAL CALENDAR FOR THE METRO AREA

- April 1 Washington Co. – “Slugs and Snails – Know Your Enemy” and Welcome Interns Pot Luck
- April 5 Clackamas Co. – Members Tomato & Cage Making Workshop
- April 5 Soil School
- April 8 Multnomah Co. – “Bees on the Brink” and Welcome Potluck for 2014 MG Trainees
- April 8 – 29 Washington Co. – In the Garden Series
- April 12 Clackamas Co. – “Secrets of the Tomato Masters”
- April 14 Clackamas Co. – “How to Build a Living Wreath” and Plant & Seed Swap
- April 19 Friends of Trees annual fruit tree giveaway and shade tree sale
- April 19 Pleasant Valley Elementary School plant swap
- April 26 Washington Co. – 3 Buck Bonanza Plant Sale
- May 3 Multnomah Co. – Incredible Edibles Plant Sale
- May 3 & 4 30th Spring Garden Fair
- May 12 Clackamas Co. – “Making the Most of Small Gardens”
- May 13 Multnomah Co. – “The Inception and Evolution of New Perennial Varieties”
- June 9 Clackamas Co. – “Impact of Urban Trees”
- June 11 Washington Co. – Aboretum Field Trip
- July 14 Clackamas Co. – Tour of Vern Nelson’s garden
- Aug 11 Clackamas Co. – Annual Chapter picnic
- Sept 8 Clackamas Co. – Wildlife Viewing Opportunities on the National Wildlife Refuges along the Oregon Coast
- Oct 13 Clackamas Co. – “The Art of Bonsai”
- Nov 10 Clackamas Co. – “Weather and Gardening”
- Dec 8 Clackamas Co. – “Designing & Equipping the Home Greenhouse”



Soil School
Saturday, April 5 8 am - 2 pm
Lewis & Clark College
For gardeners and small farm owners!

Featuring:
 Dr. Doug Tallamy, University of Delaware, author of *Bringing Nature Home*
 Dr. Scott Burns, PSU Chair of Geology
 James “Dr. Soil” Cassidy, OSU Soil Instructor

Register by clicking “Events” at www.wmswcd.org
 Cost: \$30 single/\$50 double

Learn about soil structure and composition, analyze and interpret your own soil sample, and get your hands dirty taking soil tests and learning about native plant habitats.



April Garden Calendar

Produced by OSU Extension, each month provides reminders of key garden chores, such as fertilizing, pest control, planting, and maintenance. Recommendations in this calendar are not necessarily applicable to all areas of Oregon. For more information, [contact your local Extension office](#).

Sustainable gardening

The Oregon State University Extension Service encourages **sustainable gardening practices**.

Preventative pest management is emphasized over reactive pest control. Identify and monitor problems before acting, and opt for the least toxic approach that will remedy the problem. The conservation of biological control agents (predators, parasitoids) should be favored over chemical controls.

Use chemical controls only when necessary and only after thoroughly reading the pesticide label. First consider cultural, then physical and biological controls. Choose the least-toxic options (insecticidal soaps, horticultural oils, botanical insecticides, and organic and synthetic pesticides — when used judiciously).

Planning

- Write in your garden journal throughout the growing season.
- Prepare garden soil for spring planting. Incorporate generous amounts of organic materials and other amendments, using the results of a soil analysis as a guide.
- Prepare raised beds in areas where cold soils and poor drainage are a continuing problem. Incorporate generous amounts (at least two inches) of organic materials.
- Use a soil thermometer to help you know when to plant vegetables. When the soil is consistently above 60 degrees Fahrenheit, some warm season vegetables (beans, sweet corn) can be planted.



Photo courtesy of:
http://ext.homedepot.com/community/blog/wp-content/uploads/IMG_05851copy.jpg

Maintenance and Clean Up

- Allow foliage of spring-flowering bulbs to brown and die down before removing.
- Apply commercial fertilizers, manure, or compost to cane, bush (gooseberries, currants, and blueberries), and trailing berries.
- Place compost or well decomposed manure around perennial vegetables, such as asparagus and rhubarb.
- Cut back ornamental grasses to a few inches above the ground, in early spring.
- Cover transplants to protect against late spring frosts.
- Optimum time to fertilize lawns. Apply one pound nitrogen per 1,000 square feet of lawn. Reduce risks of run-off into local waterways by not fertilizing just prior to rain, and not over-irrigating so that water runs off of lawn and onto sidewalk or street.
- **Western Oregon:** Optimum time of year to dethatch and renovate lawns. If moss was a problem, scratch surface prior to seeding with perennial ryegrass.
- **Western Oregon:** Prune and shape or thin spring-blooming shrubs and trees after blossoms fade.
- **Central/Eastern Oregon:** If snow mold was a problem, scratch surface. If turf damage is severe, seed with Kentucky bluegrass.
- **Central Oregon and higher elevations of Eastern Oregon:** Prune your deciduous trees and shrubs, using proper pruning techniques.

Planting/Propagation

- Plant gladioli, hardy transplants of alyssum, phlox, and marigolds, if weather and soil conditions permit.
- It's a great time to start a vegetable garden. Among the vegetables you can plant, consider:
 - **Oregon Coast:** Beets, cabbage, carrots, cauliflower, celery, chard, slicing cucumbers, endive, leeks, lettuce, onion sets, peas, and potatoes.
 - **Western Valleys, Portland, Roseburg, Medford:** Broccoli, Brussels sprouts, cabbage, carrots, cauliflower, chard, chives, endive, leeks, lettuce, peas, radishes, rhubarb, rutabagas, spinach, and turnips.
 - **Central Oregon and higher elevations of eastern Oregon** (late April): Peas, radishes, lettuce, spinach, and turnips.
 - **Columbia and Snake River valleys, Ontario:** Snap and lima beans, beets, broccoli, Brussels sprouts, cabbage, carrots, cauliflower, chard, chives, sweet corn, slicing and pickling cucumbers, kohlrabi, leeks, lettuce, onion sets, parsnips, peas, potatoes, pumpkins, radishes, rhubarb, rutabagas, summer and winter squash, and turnips.



Pest Monitoring and Management

- Clean up hiding places for slugs, sowbugs and millipedes. Least toxic management options for slugs include barriers and traps. Baits are also available for slug control; use caution around pets. Read and follow all label directions prior to using baits or any other chemical control.
- Monitor strawberries for spittlebugs and aphids; if present, wash off with water or use insecticidal soap as a contact spray. Follow label directions.
- If necessary, spray apples and pears when buds appear for scab. See [Managing Diseases and Insects in Home Orchards](#) (PDF - EC 631).
- Cut and remove weeds near the garden to remove potential sources of plant disease.
- Use floating row covers to keep insects such as beet leaf miners, cabbage maggot adult flies, and carrot rust flies away from susceptible crops.
- Help prevent damping off of seedlings by providing adequate ventilation.
- **Southwest Oregon:** Place pheromone traps in apple or pear trees in late April to monitor codling moth activity.
- **Western Oregon:** Manage weeds while they are small and actively growing with light cultivation or herbicides. Once the weed has gone to bud, herbicides are less effective.
- **Western Oregon:** Spray stone fruits, such as cherries, plums, peaches, and apricots for brown rot blossom blight, if necessary.



CLACKAMAS COUNTY CHATTER

Chapter Meeting

Monday, April 14, 2014, 7 p.m.

Milwaukie Center, 5440 SE Kellogg Creek Dr., Milwaukie

How to Build a Living Wreath (and/or Vertical Panel)

Becky Sell of Sedum Chicks



Becky will do a live demonstration on the creation of living wreaths while chatting to us about sedums and sempervivums. It is no longer just "Hens and Chicks" that are available to the gardener. Sedums have grown leaps and bounds with wonderful colors and varieties. She

will bring plants and tools that she uses for us to buy.

Becky Sell is coproprietor of Sedum Chicks Nursery, a local company that has been specializing in sedums and sempervivums since 1999. They are known for their whimsical and elegant sedum plantings. Sedum Chicks has been a vendor in our Spring Garden Fair for many years.

Plant and Seed Swap: Our Annual plant and seed swap will be held at 6:30, before the meeting. Bring any items that you are willing to share with others. This is a great event to learn about new plants for your garden. Click here for more details: [Plant and Seed Swap](#)

May Program

Monday, May 12, 2014

Making the Most of Small Gardens: Jolly Butler

Small spaces offer big opportunities for creating lively, colorful gardens. Master Gardener Jolly Butler will guide us through the special design considerations, consideration of scale, soil needs and the many plant options available for creating a delightful small space garden.

Green Glove

Our Green Glove recipient for March is Anny VanNatta. Anny is a member of our Program Committee, volunteers at the Community Garden, and twice a year Anny facilitates the plant & seed swap for our chapter. Our thanks to you for all the time you spend in service to our chapter!

Handbook/Directories

Our Chapter membership is 329, including 27 Interns. This is almost identical to our membership at this time last year (we gained 26 members during 2013). Membership directories are available at meetings and Chapter events. It really looks nice this year. Many thanks to our Directory team: Sharon Andrews, Jane Collier, Dee Linde, Frank Wille.

Upcoming Programs

- **May 12** - Making the Most of Small Gardens. *Jolly Butler*

Chapter Events

- **April 5** - Members Tomato & Cage Making Workshop
- **April 12** - Secrets of the Tomato Masters *
* these sessions count towards MG recertification hours.
- **April 14** - Plant & Seed Swap at Chapter Meeting
- **May 3 & 4** - 30th Spring Garden Fair
- **July 14** - Annual Chapter Outing: A tour of Vern Nelson's garden
- **August 11** - Annual Chapter Picnic

MG Tomato & Tomato Cage Workshop

Saturday, April 5, 2014, 9:00 a.m. until Noon

Clackamas Community College, Clairmont Hall, rooms 117 & 133

Pre-Registration & Advanced Payment is Required.

Master Gardeners will learn tips from our own Master Tomato Growers: *Bob Woods, Holly Pederson, and Sherry Holley*. Class includes: a talk and demonstration of Tomato Grafting by *Steve Lingmann* of [EZRA's Organics](#), learning early tomato plant culture (tips for strong root development and transplanting) methods for keeping tomato plants healthy throughout the growing season, and making a strong tomato cage.

Workshop is \$5.00 and includes a 5' tomato cage to take home. One additional cage may be purchased during registration for \$5.00. Additional cages may be available at the workshop. We will also have 10'x 4' pieces of red tomato mulch for \$3 each. Space is limited, so register early! *To register contact Seamus Ramirez. Phone: (503) 819-5852. Email: alwaysok@hotmail.com*

Spring Garden Fair

Saturday & Sunday, May 3 & 4

Its our 30th year!

Clackamas County Event
Center in Canby



Online sign-ups are open on the web page at the SGF Volunteer Page. www.cmastergardeners.org/SGF_Volunteer_Page.htm
Don't forget to check out the SGF Facebook group, where you will find lots of info on this year's event. [SGF on Facebook](#)

See you there!

President • Terry Crandell: 971.219.0958

Vice President • Dee Linde: 503.266.5927

Secretary • Barbara Markwell: 503.632.3374

Advisory Board • Sharon Andrews: 503.577.7493

OMGA Rep • Seamus Ramirez: 503.819.5852

Treasurer • Seamus Ramirez: 503.819.5852

Advisory Board • Rob Folse : 503.682.5835

OMGA Alt. Rep • Rob Folse : 503.682.5835

Assist. Treasurer • Paul Baker: 503.654.5893

Advisory Board • Will Hughes: 503.887.9380

Newsletter • Sharon Andrews & Frank Wille

OSU Master Gardeners: <http://extension.oregonstate.edu/mg> Clackamas County Master Gardeners : www.cmastergardeners.org

April 2014

**Speaker Series and
Welcome Potluck**

Tuesday, April 8, 6:00pm

Mt. Tabor

Presbyterian Church
5441 SE Belmont St.,
Portland

**Keynote Speaker:
Ramesh Sagili, Associate
Professor, OSU**

Topic:

“Bees on the Brink”?!

An evening to welcome and celebrate the new 2014 class of Master Gardeners.

Interns: bring a plate, utensils, and your appetite!

Veterans: bring a dish* to share (10-12 servings), your appetite, a plate, & utensils.



Courtesy of Petal Heads Nursery

Coming next month...

Tuesday, May 13, 7:00pm

“The Inception and Evolution of New Perennial Varieties” with Petal Heads Nursery owners Dave and Annilese Doolittle.

Multnomah County Grapevine

In cooperation with the OSU Extension Service Master Gardener Program



“Bees on the Brink”?!

We read it in the news...“Bees on the Brink”?! Threats to bee health are causing serious alarm and concern; from colony collapse disorder to the use of broad-spectrum neonicotinoids. Learn why we should be concerned, what the actual threats are, the latest research-based knowledge for pollinator protection and how we as home gardeners can help the honey bee population.

Ramesh Sagili, Assistant Professor, De-

partment of Horticulture at Oregon State University. His primary research focus at OSU is honey bee health, nutrition and pollination. His appointment also includes Extension, and, hence, he works closely with the state stakeholders i.e. both beekeepers and producers. His goal is to establish a vibrant and dynamic honey bee research and extension program at OSU that will cater to the needs of beekeepers and producers in the state.

INCREDIBLE EDIBLES PLANT SALE



Embrace home-grown goodness with one-stop shopping for all your edible summer veggie garden needs at the **3rd annual Incredible Edibles Plant Sale, Saturday, May 3rd, at Westminster Presbyterian Church, on NE Hancock, between 16th and 17th Avenue, 10am to 4pm!** Find hundreds of lush, organic veggie, herb and edible flower starts. Stellar varieties proven to thrive in our Portland metro region. Make your game plan to harvest healthy, delicious, just-picked produce for your table! Join us as we celebrate growing your own food!

<http://metromastergardeners.org/multnomah/plantsale/>

Chapter Website—www.metromastergardeners.org/multnomah/

Chapter Email—multmastergardeners@gmail.com

Grapevine Editor—Lorna Schilling (503)334-5162, lornaschilling@yahoo.com



Washington County Chapter Chat

Good Dirt for the Master Gardeners of Washington County, Oregon

April 2014

CHAPTER MEETING & PROGRAM:

TUESDAY April 1

6:00 p.m. Social time

6:45 p.m. Chapter meeting

7:15 p.m. Speaker Series Program

Location: First Baptist Church
5755 SW Erickson Ave., Beaverton.

TOPIC: SLUGS AND SNAILS—KNOW YOUR ENEMY

SPEAKER: Claudia Groth, Master Gardener Program Instructor

Time to get ready—they are coming! Claudia Groth, familiar to many of you, is an engaging speaker and expert on many topics, including slugs. A Master Gardener volunteer for some 20 years, her voice has been heard on “The Garden Doctor” on KEX radio, and on “Oregon Field Guide” talking about slugs. She has worked with home gardeners in many capacities for over 30 years in the PNW. With a Master’s degree in Plant Science and a Bachelor’s in Plant and Soil Management, Claudia is a master of her craft. If you really want to come to understand slug biology and behavior, and how to control these pests, please come and hear Claudia!

3 BUCK BONANZA PLANT SALE

Hardy perennials \$3.00/gal. Bedding plants, small shrubs, ferns, native plants, dollar-a-pot table, and great raffle items. Several garden art craftsmen will be selling their creations.

Check/Cash NO cards.

5 miles W of Washington Square at Kinton Grange, 19015 SW Scholls Ferry Rd., Beaverton
SAT. April 26, 8.30 a.m -2.30 p.m.

President: Bob Falconer, falconer2672@comcast.net
Vice-President: Sue Ryburn, Sueryburn@comcast.net
Treasurer: Marilyn Turner, marilynnsturner@gmail.com
Chapter Chat ed.: Rene Breier breierrene@yahoo.com

COMING UP:

WELCOME INTERNS POT LUCK

APRIL 1 meeting. Bring place setting

VETS bring a dish to share, ready to serve. Last name A-E salad, F-R main dish, S-Z dessert. Name on dish/utensils.

Fair-Plex Demo Garden Wed. From 9 a.m. to noon. **NOTE!** March 25 back to Tuesdays.

Irrigation installation for south side of garden. MGs and Interns to do skilled work. Come **work and learn** about irrigation! March 31, April 1 and 2, 8 am-12 pm. Bill Klug 503 681-0143 billklug@frontier.com.

Jenkins Estate Learning Garden

Thursdays from 10 a.m. to 1 p.m. PLEASE JOIN US!
<http://jenkinslearninggarden.blogspot.com/>

IN THE GARDEN SERIES

April 8 Tues 9.30 am. Container Gardening for Vegetables and Herbs DEMO GARDEN (DG)

April 10 Thurs 10.00 am. Simplifying Compost LEARNING GARDEN Jenkins Estate. (LG)

April 15 Tues 9.30 am. Mason Bees and other Native Pollinators Tues 9.30 (DG)

April 22 Tues 9.30 am. Ornamental Pruning (DG)

April 26 Sat. 10.00 am. Native Plants of the Lewis and Clark Trail (LG)

April 29 Tues. 9.30 am. Square Foot Gardening. Growing vegetables in limited space (DG)

(Above approved for VET MG RECERTIFICATION TRAINING)

PORTERHOWSE FARMS AND

ARBORETUM FIELD TRIP June 11 tour 10.30 am. Many conifers, bulbs. Succulents, rock garden, bamboo. Bring picnic lunch! Plants for sale. RSVP by May 21. Contact Joann Caruthers, joanelois@aol.com or call Joann at 503-625-1793.

REMINDER! Link your FRED MEYER rewards card to WCMGA as your charity choice. With every swipe we get a rebate.

WCMGA SPRING BULB SALE. Pick up at April 1 and May 6 Chapter meetings.



April 2014
MASTER GARDENER™ NEWSLETTER



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Clackamas County Extension
200 Warner Milne Rd
Oregon City, OR 97045