



Metro Master Gardener™ News

July/August 2009

OSU Extension Service Metro Master Gardener™ Program

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.

Program Staff

Weston Miller- Horticulture Faculty

weston.miller@oregonstate.edu

(503) 650-3124

Jordis Yost- Program Assistant

jordis.yost@oregonstate.edu

(503) 650-3118

Newsletter Volunteers

Ellen Hanley- Volunteer Editor

ellenpoppy@aol.com

Heidi Nichols- Proof Reader

heidinichols@comcast.net

Mailing Address

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

2009 Starlight Parade MG Shrub Rake Drill Team



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Dear Master Gardeners

I hope that our July/August newsletter finds you well.

The annual Master Gardener Mini-College is scheduled for August 5-8 in Corvallis, Oregon. Mini-College is an incredible educational experience sponsored by the Oregon Master Gardener Association (OMGA) and the state-wide Master Gardener Program. The theme this year is **Backyard Food Solutions: Local. Sustainable. Secure.**



This theme is particularly relevant this year due to the economic debacle and the intense national focus on food gardening. If you are interested in the power of home and community gardens, here is an opportunity to learn more

There's still space at Mini-College. Here is the link for more information and to register:
<http://extension.oregonstate.edu/mg/mini-college>

Mini-College is a great way to learn and connect with other gardeners from across the state. Think of it as an educational vacation.

On another note, I made a presentation to the Master Gardener Chapter in Multnomah County in early June. Many folks requested that I post the information from the "Successful Year-round Vegetable Gardening" talk. This presentation contains practical information on planting dates for fall/winter crops. It should be useful for both your own garden and for consulting with clients at the MG clinics. You can find the presentation here:

<http://oregonstate.edu/instruct/millerwe/>

username: mgmetro

password: T8Up*a

You can also view presentations from the 2009 MG training, which are still posted at this site. There is lots of information here for your review. Enjoy!

We are grateful for all the passion, inspiration, and hard-work that each of you contributes to the Master Gardener program. I am continually humbled and awe-struck at the power of our educational and service organization to reach out into the community. People are looking for high-quality information. Thanks to YOU, we are able to provide such valuable information!

Please keep an eye out for our next newsletter, which will be available online before September 1, 2009.

Have a great summer gardening season.

Be well, Weston

OPPORTUNITIES FROM JORDIS

503-650-3118 or Jordis.Yost@oregonstate.edu

SUMMER ACTIVITIES

This edition of the newsletter covers activities for July and August. You should have a good idea how many activities you need to participate in to get all your hours in by October. Remember...you are the driving force behind your own volunteer schedule.

Here are some activities to check out:

FAIRS COMING!



Master Gardeners are planning to have clinics at both the Washington and Clackamas County Fairs and the Oregon State Fair. These are coming up soon, so give the coordinators a call to get on the schedule for this year. These also happen to be some of the last big events for the year for payback. If you are still a little short on hours, this is a great way to enjoy the day and get hours too!

Clackamas County Fair is August 18 – 23 (Tuesday – Sunday). The MG booth is located near an entertainment stage and a lovely garden display and plant sale. Call coordinator **Gerry Emerson at 503-656-9726**. There are morning, afternoon, and evening shifts available. You are going to want to be part of this really great rural fair!

Washington County Fair is July 30 – Aug 2 (Thursday – Sunday) Master Gardeners are located next to the demonstration gardens and really have a lot to brag about. This area of the fairgrounds owes its planning and attractive appearance to the Washington County Master Gardeners and is a popular stop for fairgoers. Call **David Rullman at 503-292-1603** to schedule a shift

Oregon State Fair is August 28 – September 7. We typically have the Labor Day weekend shifts, the other days are staffed by MGs from around the state. This fair is in Salem. The coordinator position is empty for now. In the meantime, contact Jordis if you are interested.

- Passes to get into all the fairs are provided. Get these dates on your calendar before the summer gets away from you.

ON-GOING

Don't forget about some of the on-going activities for payback hours.

- Crystal Springs Rhododendron Gardens –
Linda O'Toole 503-659-5309
 - Pittock Mansion-
Heather Kibbey 503-620-7239
 - Washington Park Rose Garden
- Pat Troyer** 503-257-8526 (clinic)
Bill Bradley 503-624-8435 (tour guide)
- Phones
Joby Duggan (Clackamas Co) 503-632-2165 joby@bctonline.com

Heidi Nichols (Washington Co) 503-774-6888 heidinichols@comcast.net

Gloria Bennett (Multnomah Co) 503-775-4005 dcleopatra@comcast.net

- 1860's Heritage Kitchen Garden-Champoeg
Marie VanPatten 503-678-1251 x223

- Oregon Trail Interpretive Center –Oregon City
Jean Erickson 503-636-3967

The program office got this request recently and it seemed like something that a Master Gardener in the neighborhood might be interested in looking into. Because they are looking for some education and will provide the actual maintenance, it is an accepted project if someone is interested.



Contact: Karey Reid kkareyk@aol.com

“I’m a member of a non-profit in Portland called The Theosophical Society in Portland. The group is very fortunate in that we have a sweet old Victorian house just off 23rd in NW Portland, which is a wonderful neighborhood, as you probably know. Because our funds are scarce, the house is a little bit run down, but still loved and maintained as best we can. On the other hand, the small front garden area which currently contains mostly rhododendrons is not in good shape. None of the members in the group has much gardening experience so we are hoping someone in your Master Gardeners group might be willing to come take a look and give us some advice. We would like to have a 'green' master plan which would include attractive plants needing minimal care, requiring little extra water, and possibly even some hardscape ideas to go along with our Victorian house front”.

MG GUIDES

We’ve heard from a lot of Master Gardeners that good experiences working with other MGs make a big difference in how they feel about the program. In light of that, we’re very pleased to announce an innovative new pilot project in the Metro MG program: Master Gardener Guides.

We’ve identified a core group of veteran MGs who are known for their welcoming, friendly, kind and supportive attitudes, patience, and general knowledge and have given them some extra training. MG Guides won’t have all the answers, but they *will* have extra training in how to proceed to find the answers. MGs, interns or vets, who are unsure of themselves in clinic situations, are encouraged to sign up to work with an MG Guide for a few shifts to become more comfortable in clinic settings (phones or ‘field’ clinics). This pilot group of Guides can be identified by their badge holder and the green MG Guide 2009-2010 inserted at the bottom.



Beginning with the 2010 MG class, new trainees will be strongly encouraged to work at least one or two of their first few clinic shifts with an MG Guide. We see this pilot program as a way to provide better support for MG interns and veterans alike and as a real enhancement to our mission to disseminate research-based, regionally appropriate information for use by the home gardener. The public’s experience with friendly, comfortable, and confident MGs is our best PR and no amount of advertising can duplicate that.

We hope to expand this group each year and build a stronger MG program as a result. Comfortable and prepared volunteers are really the thing that makes the Master Gardener Program *shine*.

Natter's Notes

Herbicide Damage Galore

Jean R. Natter

A fair number of folks use herbicides without paying close attention to label directions. As a result, **weird damage happens**.

And because herbicides are pesticides, **certain guidelines established by EPA are particularly pertinent to avoid plant damage**, among them these:

- Don't apply during windy or breezy times. (If the leaves rustle, it's too windy.)
- Don't apply if the temperature is, or will be, more than 80-85F on the day of application. (Label requirements vary.)
- Apply as directed on the label. (Some products, among them the pre-emergent Casoron, should be applied only during mid-winter.)



Figure 1: Cherry leaf

With all that in mind, let's consider some of the diagnostic challenges sent to the MG offices as a sort of primer of what to think about when a client tells you that "something weird is happening to my plants." **A thorough history might solve the case but, more often than not, you'll need to request samples and/or pictures.**

The most valuable samples and photos are those which illustrate all the pertinent signs and symptoms.

Whenever you request a physical sample, emphasize that healthy and affected parts should be on the same piece because the most important signs and symptoms are often at the junction.

When annual flowers and vegetables are in trouble, it can be wise to request the client sacrifice

an entire plant, and to "Please dig it up, *not* pull it up."

With photos, three different views are likely to provide the most help, particularly when all of them are in focus.

- The plant overall, or a sizeable section which shows both affected and healthy growth.
- A shot midway.
- A close-up or two, again with both affected and healthy in each image.



Figure 2: Notice the varied appearance of the leaves on the branches on the left

Pinpointing the cause by examining a single leaf can be misleading. In one instance, the client reported small black bugs on the reverse. Hmm; aphids or not? (See Figure 1)

Another reason for multiple views is that any one image reveals only a brief moment in time. Those extra images may display evolving symptoms or varying signs. (See Figure 2)

But guess what? The leaf in Figure 1 is on the branch in Figure 2. It would be very easy to come to the wrong conclusion if you lack the extra info shown in the second image.

Understand that **it's challenging to diagnose abiotic problems**. Part of the problem is our eagerness to answer our clients' questions. So, if either the history of the problem or the sample at hand doesn't reveal any critters, then we tend to figure that it has to be a disease.

But don't go there yet.

Yes, even as you page through the *PNW Disease Management Handbook*, also consider that something else might be afoot. Perhaps an abiotic disorder, precious few of which are described there or anywhere else.

One key to diagnostic success is to always keep abiotic problems in the back of your mind – as in "I wonder what else may have happened."



Figure 3: Distortion from aphid feeding, with lots of the culprits still in place

I decided long ago that, whenever plant parts look really weird, I should ask about herbicide exposure.

As it turns out, few folks consider weed-and-feed products to be herbicides.

Nor do they realize that a spray moves off-target quite readily, due to a mild breeze, the spray's turbulence, or high temperatures.

And even fewer know that if herbicides are sprayed, a sprayer should be dedicated to that purpose, only. Traces of herbicides always remain in spite of thorough cleaning. Those minimal residues will affect sensitive plants, among them grapes and tomatoes.

To get a grip on a diagnosis for herbicide damage, **let's review a differential diagnosis for weird growth**, that is, causal agents that can severely distort leaves. MGs need to rule them out, one by one.

- Aphids: Look for the critters or their cast skins, honeydew, and/or sooty mold on the underside of the leaves in inside a leafy wad. (Figure 3) Such damage is particularly common in early spring on apples, plums, currants, and some viburnums. Seldom are the aphids still alive and obvious.
- Leafrollers, sometimes called leaftiers: Some of these small caterpillars roll up individual leaves whereas other tie several leaves together with

opaque webbing. Not really what I would call deformed but other folks do.

- Herbicide damage: Inadvertent herbicide damage ranks alongside aphids as a frequent cause.
- Virus: When you look again at Figure 2, you'll see that the newest leaves are fine. That's a significant clue because it tells you the damage was due to a brief exposure to something other than a virus. Once virus enters a plant, it's always there. Thus, virused plants continue to show deformed growth, often becoming worse with time. It's worth knowing that virus is rather uncommon hereabouts.



Figure 4: Cupping of sunflower leaf caused by 2,4-D

The active ingredients in common home-use herbicides have varying actions and symptoms:

- 2,4-D is a plant growth regulator (a synthetic auxin) that's absorbed through the leaves of broadleaf plants, then sent to the growing points. When applied full strength, the plant grows to death. With low doses, leaf edges cup downward (Figure 4), leaves and stems distort or are thickened and deformed (Figure 5).



Figure 5: Distorted stems and leaves from 2,4-D

- Dicamba, which affects annual broadleaf plants, is a component of some weed-and-feed products for lawns. It's absorbed from the soil by roots and mimics the effects of auxins, with symptoms similar to those from 2,4-D.
- Glyphosate interferes with the synthesis of several important amino acids. It's non-selective and is the active ingredient in Kleen-up, Roundup and its many variations, and other products.
 - When glyphosate is applied during the growing season, the newest growth yellows. (Figure 6)
 - When applied in the fall, distorted growth the following spring appear as clusters of short stringy shoots at each node. The plant's survival depends upon how large a dose it received. The rose (Figure 7) was removed later in the season.

So how is it that inadvertent herbicide damage happens? Consider the following:

- Herbicide spray or granules moving off-target and onto desirable plants, sometimes from a neighboring property or from an overly helpful gardening partner.
- Volatilization of certain herbicides when temperatures exceed 80 to 85F.
- Casoron (active ingredient dichlobenil, a pre-emergent) applied when the gardener wanted a fertilizer but grabbed the wrong package. (See the May 2009 Metro MG newsletter)
- Preen (active ingredient trifluralin, a pre-emergent) applied during, or right after, planting into the flower bed rather than waiting the required three weeks as stated on the label.
- A weed-and-feed applied to a recently seeded lawn.



The bottom line for inadvertent herbicide damage is this: If the dose was minimal, the plant is likely to grow out of the problem. If not, oh well. It's a wait-and-see sort of thing.

For further information about herbicide injury, see *Landscape Plant Problems* (the section labeled "Common Herbicide Damage") and *Abiotic Problems of Landscape Plants*. Both books are in the Metro MG offices.

Dealing with Drift (Iowa State University) addresses the factors that should be considered in accessing risks associated with pesticide drift in the landscape, also the fate of residues in garden produce. It's at <http://www.weeds.iastate.edu/mgmt/2004/driftdecisions.shtml>



Figure 6: Glyphosate was applied in fall to unwanted plants near the rose bush; the following spring, clusters of stunted stringy branches appeared at every node

Figure 7: Glyphosate was applied during the growing season; the youngest tissue turns yellow to white

HORTICULTURAL CALENDAR IN THE METRO AREA

July 9	MG Computer Classes – See information further in this issue
July 13	Clackamas Garden Tour – Schmidt Arboretum, Boring
July 14	Washington County Demonstration Garden Open House - Fairplex
July 19	Metro Garden Tour – Lake Oswego area.
Aug 5-8	26 th Annual Master Gardeners Mini-College
Aug 10	Clackamas Chapter Picnic
Aug 20-22	Far West Show at the Oregon Convention Center
August 29,30,31 & September 5,6,7	2009 Annual Dahlia Festival, Swan Island Dahlias, Canby
Sept 3	Washington County Chapter – Rethinking Your Personal Garden Style, Charlotte Klee
Sept 8	Multnomah County Chapter 7pm Speaker Lisa Albert, garden writer, Native Plants, Garden Gems
Sept 14	Clackamas Chapter meeting
Sept 26	Multnomah Chapter Fall Plant Sale
Oct 1	Washington County Chapter – Mandy Tu – Oregon Invasive Species
Oct 3	MG Computer Class
Oct 10	Clackamas Chapter Soil pH Testing-Milwaukie Center
Oct 16	Clackamas Chapter Bee Washing at Jane Collier's
Nov 14	MG Computer Class

Master Gardeners have been requested to be room monitors at the Seminars for the Far West Show, the trade show for the Oregon Association of Nurseries.

The Far West Show is in the Oregon Convention Center, 777 NE Martin Luther King Jr. Blvd, Portland. Your shift hours are 8:30 to 12:00. Four people are needed Thursday, August 20; five people are needed on Friday, August 21; and four people are needed on Saturday, August 22.

Please call (503 246 7983) or email Carol Barrett at alderx@g.com before July 3rd indicating your day preference and leaving contact information.

After confirmation, additional information will be sent in early August.



Extension District Adds Hours to Serve Public

On July 1st, the Clackamas County Extension office reopens to the public five days per week with 40 hours of service for the first time since 1994. Shrinking local budgets forced Extension to reduce their staff and hours of service 15 years earlier. Last November, Clackamas County residents approved an Extension and 4-H Service District that provides dedicated and permanent funding to ensure Extension's future in the county. The new District officially starts business the first of July.

"This is a great day for Extension," said Mike Bondi, Staff Chair at the Extension office in Oregon City. "We look forward to continuing to serve the education and outreach needs in the county while working with hundreds of volunteers—like our Master Gardeners—who help us bring valuable information to local residents."

Extension's new office hours are Monday through Friday, from 8:00am until 4:30pm, each day. Friday public office hours and everyday lunch hour service are upgrades added with the new District.

Likewise, the Master Gardener Clinic housed at the Extension office on weekdays will add Friday clinic hours, too.

Michael C. Bondi, Professor of Forestry
Extension Agent--Forestry, Christmas Trees & Staff Chair
OSU Extension Service--Clackamas County
200 Warner Milne Road
Oregon City, OR 97045
Desk Phone: 503-557-5880
Switchboard Phone: 503-655-8631

2009 Starlight Parade Wrap-up

On the evening of May 30th the Metro Master Gardener Marching Unit once again carried the MG banner through the streets of downtown Portland. Clackamas MG and Drum Major, Frank Willie, trained and then led this year's motley crew of insects, vegetables, lower life forms, one fabulous tree and an alien invasive specie of unknown origin through the Shrub Rake Drill Team maneuvers for spectators to enjoy and TV cameras to record. This was exposure to the max for the Metro MG Program and really got our name out there in the lights. This has to be payback time at it's highest fun factor. Co-chairs Stephanie Scott and Bob Blaedel would like to thank all who marched and acknowledge the Washington, Multnomah and Clackamas County MG chapters for their financial support.

After three years of coordinating this activity we are looking for MG's to replace us as co-chairs. The contacts and series of actions required to pull off this event have all been worked out for you to step in and efficiently assume the lead. One person could do it but two is more fun and three might open up even more creative directions. For questions or to sign up please contact Stephanie Scott at 503.292.2198 (s.r.scott@comcast.net) or Bob Blaedel at 503.658.7450 (machinewayback@hotmail.com).

QUIZ CORNER

Q: What's up with this *Veronicastrum*?



THE PRIZE? First three correct responders are listed in the next newsletter!
Send your answer to Jean R. Natter (jrnatter@aol.com or 503-645-7073)

SAVE THE DATE

MG Computer Classes – Hands On

July 9, October 3 and November 14
2 Sessions each day
Complete Information on page 11

Internet Essentials for Master Gardeners

Join us as we learn about using computers in the MG offices.

We'll explore the internet to locate research-based information for MGs.

Date	Site	9 to noon	1 to 4 PM
July 9	Liberty High School*	Beginning basics for MGs	Intermediate
October 3	Clackamas Community College**	Intermediate	The Next Step (More web sites; effective searches)
November 14	PCC, SE Center ***	Intermediate	The Next Step (same as Oct 3 PM)

* Liberty High School: 21945 NW Wagon Way; Hillsboro 97124

** Clackamas Community College: 19600 Molalla Avenue, Oregon City 97045

*** PCC, SE Center: 2305 SE 82nd and Division, Portland, OR 97216

All sessions are hands-on

- **Beginning basics** will include using a mouse; menus; browsers; web address (URL); Favorites; the Metro MG page; Google search; and help for Mac users.
- **Intermediate** will explore most of the links on the OSU Garden Encyclopedia site
- **The Next Step** will additional websites useful to MGs, also search techniques.

***** You will have your own computer *****

**Class size is limited!
Pre-register now!**

***** No charge for active Metro MGs, but donations are welcome *****

Pre-register with Jean Natter; jrnatter@aol.com or 503-645-7073

Please provide the following information:

1. Your name, plus phone number or email address
2. Date & time of session(s) you will attend
3. What is your computer, a PC or Mac?

Master Gardener Job Description

David Douglas Community Transition Programs is looking for a Master Gardener to support the development and enhancement of the Rising Sun Plants student operated business.

Activities that we have completed this year include forced paper whites, propagation of jade, begonias, Christmas cactus, and other succulents. We ended our year with a large vegetable and flower sale. Our students started from seed and cared for at least 12 different varieties of plants.

We are in need of support from a trained gardener with experience working in a greenhouse. We would like someone that is available 2-3 times a month for up to 2-3 hours. Hours will depend on current project, at times it could be less/more. We are also interested in finding someone who can be contacted via email/phone to help problem solve if we run into problems. This spring we experienced spider mite and other pests and we did not have someone to help support us. While in the greenhouse we will use your expertise to educate students on planting, propagation, transplanting, pest control care and maintenance of the plants/greenhouse.

This is a very worthwhile project. Students with disabilities are learning every aspect of running a business. They are also learning teamwork, problem solving, customer service, positive work ethic, and how therapeutic gardening is. It is imperative that we provide our students with as much hands on learning as possible.

If you are nervous about working with students with disabilities we will fully support and staff this program. You are needed for your knowledge. The students are awesome and are very willing to learn.

Please contact Annie Harrell (503) 256-6500 X5284 or
Annie_harrell@ddouglas.k12.or.us





FOR IMMEDIATE RELEASE

Contact Patty Cassidy
Phone 503-239-9174
E-mail cassidypg@comcast.net

Portland Memory Garden seeks green-thumb volunteers

(Portland, OR) Friends of the Portland Memory Garden seek persons willing to help maintain this special purpose garden, located in southeast Portland. While volunteers with a green thumb are welcome, a gift for gardening is not a requirement.

Typical chores include:

- Weeding
- Raking leaves
- Sweeping sidewalks
- Deadheading flowers
- Simple pruning
- Occasional seasonal planting (annuals, bulbs)
- Spreading mulch
- Collecting litter

Interested volunteers may choose from among three garden teams, depending upon their preferred schedule. Each team works on one of the first three Saturdays of the month, between 9:30 and 11:30 a.m. Tools and a brief orientation are offered to volunteers.

To volunteer or to learn more about the Portland Memory Garden, please call 503-239-9174. Also, please visit the garden's website: www.PortlandMemoryGarden.org.

Open between 9 a.m. and dusk year-round, the Portland Memory Garden is located in Ed Benedict Park at S.E. 104th between Powell Blvd. and Bush Street. The public garden is open to all with no admission fee, but is especially intended for people with memory loss and for their care-givers. Established in 2001, the Portland Memory Garden is maintained primarily with the assistance of about 30 volunteers and is a part of the Portland Parks and Recreation system.

Ways to manage weeds in the vegetable garden

CORVALLIS, Ore. – Weeds compete with vegetables for water, light and nutrients. Some also harbor pests or diseases. If you control weeds, your vegetables have a better chance to grow and produce.

More information is available from the Oregon State University Extension publication, "[Growing Your Own](#)," a practical guide to gardening for first-time gardeners. It can be found online and printed copies are at county Extension offices.

Here are a few guidelines:

Mulching: Organic mulches, such as leaves, hay and grass clippings, keep weeds under control and improve soil as they break down. Apply a layer of organic mulch two to four inches deep to your vegetable garden. Avoid the leaves of black walnut trees or tree-of-heaven, which can inhibit growth of plants and seeds. Avoid using grass or lawn clippings if the lawn was mowed when weeds were in seed.

Plastic sheeting may also be used to control weeds. Black plastic reduces light and prevents weed growth. If you're using drip irrigation, put the hoses in place before laying down the plastic. Make slits in the plastic, and if weeds appear in the planting slits, immediately remove them.

Water Management: Sprinklers water a large area, but encourage weed growth over the same area. Drip irrigation delivers water only where you want it.

Cultivation: Weed seedlings are vulnerable to hoeing, hand pulling or rototilling. Mature weeds are more difficult to remove. Weed early and often.

Rototillers are practical only in large, open areas. They can damage roots or stems if used close to plants. In addition, too much tilling tends to destroy the structural qualities of soil, and eventually your soil will be better suited to making bricks than garden produce. Never till soil when it is wet. Doing so will leave you with cloddy, compacted soil.

Hand pulling works well in small gardens and raised beds. A scuffle hoe is better for larger areas. Pull or hoe weeds when the soil is damp, but not wet.

Several hoe styles are available. The lightweight Warren hoe has a heart-shaped blade and is useful for cultivating between plants. The hula, or action, hoe is a lightweight scuffle hoe. Pushing and pulling it just under the soil surface eliminates newly emerging weeds. It is less effective against well-established weeds.

Small hand cultivators are good for weeding small areas and between closely spaced plants. Another useful tool is the dandelion digger (also known as a weeder, cultivator or asparagus knife). It is a 10- to 14-inch metal rod with a two-pronged blade and works well for digging long taproots.

Rotation: Crop rotation can reduce weed problems. Plant fast-germinating, spreading vegetables (such as squash, cucumbers or melons) where noncompetitive crops (such as carrots and onions) grew the year before. Keeping part of the garden in a summer cover crop can help reduce weed problems for the next season.

Close Spacing: Closely spaced vegetables shade the soil and suppress weeds. Remember, however, that weeding must be done by hand when plants are close together.

Cover Crops: Cover crops grown on annual beds in the winter can smother much winter weed growth. The cover crop can be a winter-hardy grain, a legume or a combination of the two.

By: [Judy Scott](#)

Source: [Gail Langelotto](#)



Clackamas County Chatter



July/August 2009 A chapter newsletter for the Oregon Master Gardener Association in cooperation with OSU Extension Service Master Gardener™ Program

July Garden Tour

Monday, July 13, 4-7 p.m.

Schmidt Arboretum
9500 327th Ave, Boring

This year's annual outing will be to the Frank J Schmidt Arboretum in Boring, home to more than 800 species and cultivars of deciduous trees and shrubs, 500 of which are cultivated for market. The private collection is usually open only to professionals, but on this evening we can stroll at our leisure or join one of the 3 evening tours: 4:15, 5:15 and 6:15. Light refreshments will be available.

Several near-by establishments such as Flat Creek Garden Center and Red Pig Tools, which are not open on Mondays, will be open just for us from 4-7 on this day.

For more information, contact Susan Carley



June Green Glove

Award went to **JOYCE MILLER** for her outstanding efforts cultivating more than 108 plants for the **SGF**

RAFFLE

Thank you Joyce!

2009 Open Gardens

Beverly Worland July 11 10-4
Madeline Forsyth August 9 noon-5

Upcoming Events

Annual Picnic Potluck

Monday, August 10, 6 p.m.

Milwaukie Center picnic shelter
Tool Sharpening returns! The sharpeners will set up in the same place as the June meeting, however as noise will not be a concern, sharpening will be available for shovels, axes, hoes, and other large items. Any wishing to help with the picnic may contact Janis Kinnear

pH Soil Testing

10-Minute University™

Saturday, October 10, 10-noon

Milwaukie Center, 5440 SE Kellogg Creek Drive, Milwaukie

- 10:15 Planning and Preparing Your Vegetable Garden
- 10:45 Gardening with compost
- 11:15 Edible Landscape Plants

Clackamas County Fair

August 18-23

For clinic sign ups, contact Gerri Emerson.

Bee Wash

Friday, October 16, 9-noon

Rid bees of mites. Wash their houses and get them ready for use next season. Pre-registration required. Space limited to 25. Farm of Mike and Jane Collier

Far West Regional

Wholesale Nursery Show

Is in need of MG's to help with seminars on August 20, 21 and 22. Free admission to MG's who volunteer! For more information, contact Carol Barrett at 503.246.7983 alderx@q.com before July 3.



Master Gardeners on FaceBook!

Did you know that Oregon State University Master Gardeners has a FaceBook page sponsored by Gail Longelto? Become a fan and you can also join the National Master Gardeners on FaceBook!

From their page:

Connect with Certified Master Gardeners from all over the United States and the world. Let's see if we can get every Master Gardener in one group! We can exchange ideas, experiences, plant cuttings and seeds!

<http://www.facebook.com/home.php?ref=home#/group.php?gid=28117824106&ref=mf>

Clackamas County Chapter Officers

President	Bill Bradley	503-624-8435	Advisory Board	John Hill	503-653-9524
Vice President	Rick Mishaga	503-557-4491		Dale Eggers	503-557-3152
Secretary	Cheryl Borden	503-723-4257		Martha Waldemar	503-698-2519
Treasurer	Mary Butler	503-632-1532	Newsletter	Holly Pederson	503-701-5816
Asst. Treasurer	Trudy O'Donnell	503-636-1697	Websites	http://extension.oregonstate.edu/mg/metro/	
OMGA Rep	Denise Dwan	503-632-3035		http://www.clackamascountymastergardeners.org/	
OMGA Alternate Rep	Nikki Mantei	503 577-4494			



Washington County Chapter Chat

Oregon Master Gardener™ Association in cooperation with
OSU Extension Service Master Gardener™ Program

Chapter Website: www.wcmga.info

UPCOMING PROGRAMS –

MARK YOUR CALENDAR

SOCIAL GATHERING at 6:30 pm

Sep 3rd, 6:45 pm Chapter Meeting:

“Rethinking Your Personal Garden Style”

Charlotte Klee

Oct. 1st, 2009 “Oregon Invasive Species”

Mandy Tu, The Nature Conservancy

Presentations are from 7:15 - 8:15 p.m. at the CAPITAL Center, 18640 NW Walker Rd (185th & Walker Rd) Rm 1411. The public is welcome.

Washington County Chapter Potluck Picnic

Where: The Millers – 17745 SW Cooper Mountain Lane

When: Saturday **July 18th**, 3:00 – 6:00 pm

We will eat at 3:30 sharp!

“Beer Brats ‘n Bluegrass” – Eating ware & brats provided. Bring food to share – enough to serve approximately 10-12 people. *Jane Miller*

President	Ken Keudell	503-292-6519
Vice President	Lynn Cox	503-629-9156
Recording Secretary	Jackie Keil	503-531-3884
Corresponding Secretary	Gini Lang	503-407-6422
Treasurer	Donna Yount	503-746-6198
OMGA Rep	David Rullman	503-292-1603
Alternate Rep	Jerry Knott	503-292-1939
Dir.#1 Business	Bill Klug	503-681-0143
Dir.#2 Program	Alan Strong	503-690-1882
Dir.#3 Publicity	Lynn Wagner	503-531-9239
Dir.#4 Fundraising	Anna Stubbs	503-643-9474
Dir.#5 Chapter Relations	Barbara Knopp	503-641-0429
Editor:	Gini Lang	503-407-6422

OPEN HOUSE

Washington County Demonstration Garden

Fair Complex at Hillsboro, Oregon

The Master Gardeners from Washington County would like to extend an invitation to all Master Gardeners in the Metro area and beyond to come for an open house visit on **July 14th from 11:30 a.m. to 12:30 p.m.** Tuesday is our normal work day in the garden and we are excited to be able to share our garden and showcase several of the new additions for 2009-2010. As enthusiastic gardeners, we love to experiment with new ideas and take on new opportunities and challenges. We are committed to grow and change and offer help to the average homeowner so that they can incorporate and utilize these ideas into their own garden.

In the Metro area, land is now at a premium. Our new backyard vignettes showcase and exhibit how small garden spaces can be utilized to grow a variety of food products for a family. Container gardening, vertical gardening and growing small fruit trees and berries are now very important assets to a home gardener. Coming soon to the garden, we will add a children's garden, an adaptive garden with aids to assist persons with limited mobility and other creative ideas for growing fruits and vegetables.

The existing garden is a true demonstration garden with dozens of raised beds, a native garden, deer resistant garden, miniature garden, square foot and butterfly garden and an educational composting center.

Our intent with this invitation is to give you a first hand look at the garden in transition. We hope to unite our efforts to create an outstanding educational outreach program to educate the public.

Please join us and celebrate with refreshments and a tour on **July 14th**.

Directions to the garden: www.wcmga.info

Submit Chapter Chat Announcements to Gini Lang, Chapter Chat Editor, by the 11th each month. Phone **503-407-6422** or e-mail **Gini Lang [lang2044@comcast.net]**.

Submit general chapter announcements to Cathy Mankus, e-mail coordinator, cathy@cathymankus.com

Chapter Website: www.wcmga.info



MULTNOMAH CHAPTER GRAPEVINE

Oregon Master Gardener™ Association in cooperation with
OSU Extension Service Master Gardener™ Program

8 September 2009 Chapter Meeting

Mt. Tabor Presbyterian Church 5441 SE Belmont

6:45pm Gather - 6:50 pm - Announcements

7:00 pm - *Native Plants, Garden Gems* **Lisa Albert, Garden Writer.** The Pacific Northwest offers an abundance of fabulous native plants. Their beauty ranges from knock-your-socks-off red flowering currant to sweetly scented false Solomon's seal to ethereal western trillium that vary in form, size, growth habit, growing environment and garden behavior, and provide a bounteous feast for wildlife, adding an additional dimension of beauty to our gardens. The reasons to grow natives are as diverse as the gardeners who grow them. Come discover your reasons as Lisa presents her favorite garden gems and how to integrate them into an existing garden. **Lisa Albert** is a freelance garden writer, has written for The Oregonian's HGNW, Digger, Sunset's www.freshdirt.com, The American Gardener, and is the co-author of The Berry Botanic Garden: Gardening for Wildlife, native plant flashcards. She is an OSU Extension Master Gardener and an OSU Extension 4-H Wildlife Steward. Learn more about Lisa

Albert: <http://lisaalbertwriter.com/index.html>

*****Next Board Meeting – Tuesday 1 September 2009 - 6:30 pm** at Jean Edmison's – 7606 S.E. Ellis

*****Fundraiser:** As you enjoy the wonder of your garden this summer and into autumn take the time to capture the images. Please submit your favorite garden photos to be considered for an upcoming fundraiser. We are planning on printing a set of high quality color note cards of lovely garden images. So snap away at all the captivating combinations and vibrant vignettes your garden has to offer. Please submit all photos to Marilyn Kongsli: mkongsli@gmail.com (503)289-8889

*****Multnomah County MGs will be sharing their gardens summer splendor with fellow chapter members.** LeAnn Locher enthusiastically got the series off and running by opening her garden in June. Mark your calendars as there are more open gardens scheduled for Saturday, July 18th, 2pm to 5pm, and Tuesday, July 28th, 5pm to 8pm. An email will be coming soon. It will list those hosting open gardens, locations and garden descriptions. Also it is not too late to host an open garden. Just pick a

date and time period that works in your schedule and contact Gloria Bennett: dcleopatra@comcast.net or (503)775-4005.

***COMMUNITY DEMONSTRATION GARDEN –

The first harvests from our new Community Demo Garden have been donated to a food bank. There is much more tending, nurturing, and harvesting of our crops to come! Demo garden work days are Mondays, Thursdays, and the 2nd Saturday of each month from 9am until noon or after. Questions contact Jean Edmison or Sharon Baker.

***KING NEIGHBORHOOD FARMERS

MARKET Good news! MGs are back in the city! We are staffing a table at the King Farmers Market, Sundays from 10am to 2pm, through September 27th. To sign up for shifts at this great new market contact Marilyn Kongsli: mkongsli@gmail.com or (503)289-8889.

***We are very much in need of **historical information on the Multnomah Chapter's 2008** year, in addition to January/February/March 2009. Could you please bring to our meeting photos, clippings, etc. of any Multnomah Chapter event or related activity you, as a Master Gardener, were involved in, during 2008. Contact Velda Altig for more information. (Also, please continue to bring digital photos of Master Gardeners and gardening.)

*** Please remember to **save plants** for the **Fall Plant Sale** on **26th September 2009**. Call Joyce Hemmerling with any questions.

*****Phones in Multnomah County!** –The office is in Montgomery Park @ NW 27th and Vaughn. Gloria Bennett (503)775-4005 or dcleopatra@comcast.net is managing the calendar. The phone hours are 10am-2pm Monday to Friday. Two or four hour shifts.

2009 Officers

President – Jean Edmison - 503-771-2486
Vice President – Sharon Baker - 503-284-5189
Secretary – Jo Ann Bones – 503-253-3168
Treasurer – Robin Case – 503-762-3964
Past President – Patrick Adams – 503-287-9071
OMGA Sr. Rep. – Joyce Hemmerling - 503-331-0824
OMGA Rep. – Marilyn Kongsli – 503-289-8889
Historians – Velda Altig, Claudia Groth and Jim Colahan
Grapevine – Lorna Schilling – 503-334-5162

July 2009

Garden hints from your OSU Extension Agent

- Control hollyhock rust by sanitation, picking affected leaves, or spraying with a recommended and registered fungicide. Read and follow label directions.
- Early morning is the best time to water vegetable and flower gardens to reduce evaporation. Water deeply and infrequently.
- Hanging baskets of flowers or vegetable plantings need careful attention to watering and feeding during extended periods of hot weather.
- Watch for cutworm damage in the garden. (In July, climbing cutworms become a problem, and large portions of foliage will begin to disappear on established plants.) Use barriers, remove by hand, use beneficial nematodes when soil temperature is above 55°F, or spray with Bt per label directions.
- Midsummer plantings of beets, bush beans, carrots, cauliflower, broccoli, lettuce, kale, and peas will provide fall and winter crops.
- Place traps to catch adult apple maggot flies. You can use pheromone traps to monitor presence of pests.
- July 10: spray filbert trees for filbertworm.
- July 10–15: spray peach and prune trees for root borers.
- July 17–23: third spray for codling moth in apple and pear trees.
- Cover blueberry bushes with netting to keep birds from eating all the crop.
- Stake tomatoes, watch for blight (prune for air circulation, pick off affected leaves, treat with approved fungicide).
- First planting of Chinese cabbage, kohlrabi, and rutabagas on Oregon coast.
- Monitor camellias, holly, and maple trees for scale insects. Treat if necessary.
- Monitor rhododendrons for root weevil adults. Look for fresh evidence of feeding (notching). Try sticky trap products on plant trunks to trap weevils.
- If a green lawn is desired, make sure lawn areas receive adequate water. Deep watering less often is more effective than frequent shallow watering.
- Check leafy vegetables for caterpillars. Control with Bt or Sevin. Never use Sevin during bloom period or in the presence of bees.
- Weed and fertilize rhubarb and asparagus beds, water deeply to develop crowns for next year. A mulch of compost or rotted cow manure works well.
- Mulch with paper, plastic, sawdust, etc. to conserve soil moisture.
- Mound soil up around base of potatoes, gather and eat a few "new" potatoes from each hill.
- Dig spring bulbs when tops have died down; divide and store or replant.
- Stake tall-growing flowering plants such as delphinium, hollyhocks, and lupine.
- Aerate lawns for better water and fertilizer usage.
- Spider mites can become a problem on ornamental plants, vegetables, and fruit plants during hot, dry weather. Watch for dusty-looking foliage, loss of color, presence of tiny mites. Wash infested areas with water or spray with appropriate pesticides.
- *East of the Cascades*: spray for corn earworm as silking begins. Protect bees from spray.

Oregon State University Extension Service encourages sustainable gardening practices. Always identify and monitor problems before acting. First consider cultural controls; then physical, biological, and chemical controls (which include insecticidal soaps, horticultural oils, botanical insecticides, organic and synthetic pesticides). Always consider the least toxic approach first.

All recommendations in this calendar are not necessarily applicable to all areas of Oregon. For more information, contact your local office of the OSU Extension Service.

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Gardening information online—<http://extension.oregonstate.edu/gardening>

