

Metro Master Gardener™ News

May 2010



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.

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Tomato cage 101

Photo by Sharon Andrews

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METRO MASTER GARDENER PROGRAM FROM WESTON

Dear Master Gardeners,

Here are some updates for you about the Master Gardener program in Clackamas, Multnomah, and Washington Counties from Weston Miller:

As some of you might know, I am responsible for generating 25% of my salary through OSU Extension Service. This rather daunting prospect provides a strong imperative for me to create partnerships and otherwise get myself out there to generate income to put toward my salary. GOOD NEWS! We have negotiated a partnership with Metro, our regional government, to help them manage and conduct the Metro Natural Gardening Program, which will cover this part of my salary. We are aligning the OSU Extension mission of delivering research-based gardening information and Metro's mission of reducing the quantity of toxic chemicals that people use in the garden and the improper disposal of toxics containers. This year, we have arranged 70+ public presentations in the community around the Metro area with an emphasis on classes outside of Portland proper. Here is a link to upcoming events:

<http://www.oregonmetro.gov/index.cfm/go/by.web/id=576>. I hope to see you there and please help spread the word!



MORE GOOD NEWS! The Clackamas, Multnomah, and Washington County Master Gardener Associations (Chapters) are partnering with the Master Gardener Program Office (Weston and Jordis) for a joint advertising campaign to help spread the word about our important public service, particularly the telephone and other Master Gardener clinics that we conduct. Here are several things to know about this campaign:

BIG TOMATO MAGNET: We've printed 15,000 magnets in the shape of a tomato with the MG clinic numbers and website links. The goal is to give these out to clients as a take-away that they will keep and hopefully post on their refrigerators. Then, they'll know who to call next time they have a gardening question. Here is a note that will accompany clinic boxes regarding the magnets.

You've found our new promotional give-away, the big tomato magnet! These are promotions to give away to the folks we help and talk with at our clinics. We realized we weren't giving people information to contact us again in the future when they had questions for us, and the magnets help to remind them we're here for them when they need us. As you probably can tell, they did cost a little bit of money, so we don't want to give them out with wild abandon leaving them in stacks for people to take multiples of, or tossing them here and there. But at the same time, we don't want to horde them either. Please use thoughtful judgment when giving these out. Thanks!

The magnets refer people to a new website www.metromastergardeners.org as an easy-to-remember web address (URL) that puts our clinic contact information up-front. This website is designed to be the public face of the Master Gardener Program on the web. There are also opportunities for the MG chapters to post their own content here. Check it out!

We'd like extend a special thank-you to MGs LeAnn Locher (publicity consultant and graphics queen) and Jay Ewing (web master) for their hard work on this project. We could not do it without these two extraordinary individuals. **THANK YOU!!!**

We hope that these promotional efforts will help drive people to our telephone and other clinics to make sure that YOUR TIME is well spent when volunteering for the Master Gardener program.

I hope your garden is getting off to a good start!- Weston

OPPORTUNITIES FROM JORDIS

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

WASHINGTON PARK- ROSE GARDEN

MGs are getting ready to have a busy summer at the International Rose Test Garden. There are a lot of reasons why this site is so popular ...there are the roses (of course), wonderful views of the city and very interesting visitors from around the world. We have a great clinic on site, as well as opportunities to deadhead and act as tour guides.

MGs staff a clinic at this internationally recognized garden every weekend from Memorial Day to Labor Day. MGs also conduct garden tours and deadhead. To participate in any of these activities, there is a required orientation. It is being held on three different days, so you can pick which one best fits your schedule.



The dates for orientation are May 18, 25 and June 1. All sessions begin at 9 AM, and the meeting place is the information kiosk in the Rose Test Garden. You should plan on going to one of these even if you aren't on the schedule yet. It is a very informative and a pleasant experience. The Rose Garden Clinic and Tour Guide time is educational outreach and the deadheading is support...unless you spend time answering visitors' questions.

If you are thinking about getting on the schedule, but haven't contacted the coordinator, now is the time! Veterans are especially encouraged to join the fun as we need them to usher in the 2010 interns.

Contact **Ellen Hanley at 503-266-4486** for clinic ellenpoppy@aol.com

...or Click on Google and then on Gmail. Sign in with username = mgrosegarden and password = kioskclinic Then, at the next screen, click on "calendar" in the upper left corner.

Rose Garden Tours – In conjunction with Portland Parks, MGs conduct 45 minute guided tours of the garden. The tours are Tuesdays at 11:30 am; Thursday, Friday, Saturday and Sunday at 1:00 pm.

Contact **Bill Bradley at 503-624-8435** for tour guides

Peninsula Park Deadheading The orientations for deadheading roses at Peninsula Park Rose Garden are May 28 and June 4 at 9 am. Meet at the fountain. You do not need to sign up in advance.

PHONE OFFICES

If you want to sign up for phone shifts, be sure to contact the phone coordinators:

Clackamas Co.....Joby Duggan 503-632-2165 or
joby@bctonline.com

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

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



Some of the phone calendars are full, but each coordinator assures me that if MGs sign up as substitutes, there will be openings as summer family activities interfere with everyone's plans. Remember...if something comes up that conflicts with your scheduled phone time, call MGs on the substitute list, trade shifts or call the coordinator for any additional ideas. Once you have scheduled a substitute, let the coordinator know who will be taking your place.

FARMERS' MARKETS

The month of May welcomes the opening of most of the local Farmers' Markets. Be sure to check in with the coordinators (see list in April Newsletter) and either get on the schedule or sign on as a substitute. As with the phones, there are plenty of opportunities to pick up some shifts as families plan vacations or reschedule due to visiting relatives.



DATA ENTRY

I had a nice, thick pile of volunteer interest sheets to enter in a short period of time. These lists are the heart of being able to match MGs and activities. The coordinators use these lists to fill the shifts of the many clinics out in the community.



I also had a very generous person help me enter the information again this year. I'm sure that she spent hours at a computer, even though it was beautiful outside, and tackled this with great generosity. HUGE thanks to **Heidi Nichols**.

And a very special thanks to **Joan Schakel** for her help and guidance in the care and feeding of the data base. Every year, Joan meets with me to merge data, brainstorm, and see what might be possible to improve the system.

QUIZ CORNER

QUESTION: What happened to this shrub?

(Image submitted by Sally Mackey, 2010. Image taken 3/27/2010 in Colfax, WA)



SUBMISSION DATES

Responses accepted from noon May 5 through May 15.

Respond to Jean R. Natter (jrnatter@aol.com with "Quiz" in the subject line; or call 503-645-7073.) Please include your name, county & year of training.

THE PRIZE? The first five correct responses will be listed in the next newsletter!

ANSWER FOR THE APRIL QUIZ

Genus name: *Misumena*; common name: crab spider or flower spider

THE WINNERS FOR APRIL QUIZ!

Claudia Groth (Multnomah County; 1989)

Chris Steinkamp (Multnomah County; 2009)

Pearl Gunn (Washington; 2004)

Claudette Caron (Washington; 2009)

Bill Greer (Washington; 1993)

WOULD YOU LIKE TO SUBMIT AN IMAGE FOR A QUIZ?

If so, send the full size, sharply-focused image and the answer to jrnatter@aol.com. Thanks!

Update: Spotted wing Drosophila (SWD)

Jean R. Natter

The first thriving US populations of the pesky spotted wing drosophila (SWD; *Drosophila suzukii*), a native of southeast Asia, were detected in the US in California (August 2008) and soon after in Florida, Oregon, and Washington. During 2009, surveys by the Oregon Department of Agriculture (ODA), done mainly along the I-5 corridor, detected active SWD from Portland south into Douglas County.

The potential for damage by SWD is immense because of their multiple generations each year and the extensive host range. In Oregon, the flies have been reared from apples, Asian pears, blackberries, blueberries, boysenberries, cherries, cold hardy kiwi, figs, grapes (table and wine), Italian prunes, nectarines, peaches, persimmon, plumcots, plums, raspberries, Satsyma [sic] plums, strawberries and tomatoes.

Worse yet, researchers say that potential hosts should be considered "fruit" in the widest sense, to include fruits of ornamental plants and feral blackberries.

At this time, management recommendations are somewhat sketchy, based on the limited research to date. Several laboratory trials have shown pyrethroids and spinosyns to be effective against the adults while kaolin clay may interfere with egg-laying. Research to determine in which stage of ripeness the flies attack each of their many host fruits is ongoing.



SWD look similar to the nuisance fruit flies you may have seen flitting around a fruit bowl – *Drosophila melanogaster* – with several noteworthy exceptions:

Each of the adult SWD males wings is marked with a sizeable black spot near the tip whereas *D. melanogaster* wings

are clear throughout. (See Figure 1)

SWD flies damage intact ripe fruit, often just prior to the harvest date, whereas nuisance fruit flies attack only overripe or decaying fruits. The serrated ovipositor of the female SWD, carried close to the ventral surface of the abdomen, enables it to penetrate thin-skinned fruits.

You can devise traps from various see-through containers, perhaps a 16- or 32-ounce plastic beverage cups. (See Figure 2) Although one trap per acre is suggested for large-scale growers as a monitoring device to time sprays, it's suggested that home gardeners may be able to effectively decrease populations by mass trapping by setting out multiple traps at the same time.

To make traps:

Drill four 3/16-inch holes, midway on one side of the cup.
Add about an inch of apple cider vinegar or a mixture of 2

teaspoons baker's yeast, 4 teaspoons sugar and 2 cups water (enough for 6 traps).

Loosely arch a 3" x 5" yellow sticky card inside the glass as shown, then cover with lid.

Place trap near fruit level or on the ground in cool area. Twice a week, count and record the number of males on sticky yellow card & in the liquid.

Replace sticky card & bait solution once a week.

Set out traps when outdoor temperatures are 50F or above for several consecutive days, placing them in the fruiting zone. For instance, suspend the traps from the top wire of trellised cane berries or from the branches of a fruit tree but, for blueberries, set them nearby on the ground. Check the traps at least once a week, and record the number of male flies. Watch for increasing numbers which indicate more activity, thus greater potential for fruit damage.

If fly numbers are high and other methods are not providing adequate control, use insecticides registered for home use such as pyrethroids and spinosyns, the active ingredients in various products. As always, follow the label directions and don't apply when bees are present.

Or, because mass trapping is thought to be a viable home garden alternative to spraying, set out as many traps as you want.

At the update meeting I attended in early March, the speakers mentioned that home gardeners could make use of GF-120 NR Naturalyte in the traps. The UC IPM site offers some specifics; see Resources, below, for the link.

Summary of management for home gardeners

Sanitation to eliminate breeding sites

Mass trapping

Netting (0.98 mm) over fruits

Harvest in a timely manner

Sanitation is critical to minimizing populations. Reduce breeding sites by disposing of infested fruits, whether on the ground or the plant. Either secure the infested fruit in a heavy-weight plastic bag and put in the trash, or bury deeply.

Resources:

Free online training session for MGs on May 11, 10 AM to noon. (See details elsewhere in this newsletter.)

The SWD Clearing House includes numerous links to additional resources, with information added as it becomes available. <http://swd.hort.oregonstate.edu/>

Backyard Gardener Information (A 2-page flyer w/directions to make SWD traps & more; it's the final link in the center of the page) <http://swd.hort.oregonstate.edu/documents>

UC IPM re SWD <http://www.ipm.ucdavis.edu/EXOTIC/drosophila.html>

Pest Alert from Florida http://www.doacs.state.fl.us/pi/enpp/ento/drosophila_suzukii.html

Metro MG newsletters for October 2009 (page 7), November 2009 (page 8), and March 2010 (page 6) <http://extension.oregonstate.edu/mg/metro/newsletter>



Natter's Notes

The 2010 PNW Handbooks

Jean R. Natter

As usual, the bulk of each PNW Management Handbook focuses on management for commercial entities rather than home gardeners or the MGs who are trained to assist them. So, your guiding principle is always the same: Verify that your recommendations are for home use.

That said, the ever-present challenge is to recall how each handbook identifies such products. Further, it's worth knowing that the chemicals, be they organic or synthetic, are listed alphabetically rather than by efficacy or safety.

Before we go any further, everyone must be aware of these firm guidelines which apply to all pesticides, as is stated in the Insect Handbook:

"By law, applicators of pesticides must have in their possession current product labels and must use pesticides in a manner consistent with label directions. If, for any reason, directions given in this publication are not consistent with the label, you are still legally bound by label restrictions. Pesticide labels always take precedence over entries contained in this Handbook, except as noted below.

"The following are exceptions to this under current EPA definitions. It is legal to apply pesticides in any of the following ways:

1. More dilute than on the label
2. At a lower rate than on the label
3. Less frequently than on the label
4. For pests not on the label, as long as the site or crop is listed and other restrictions are observed"

CAUTION: It's risky to direct a client to the online handbooks or to an entry therein, because our clients don't know how to navigate those sites. Instead, please copy the needed information, paste it into an email, then delete all commercial recommendations, both cultural and chemical. The process is similar when you make a photocopy. Here, highlight suitable advice and/or strike out the rest.

Always refer commercial clients to an appropriate extension agent. If a suitable specialty isn't listed in the *MG Resources and References* binder, ask the office staff, as they have an OSU directory. MGs in the Multnomah office should contact the Washington County office staff.

PNW Disease Management Handbook

The 2010 *PNW Disease Management Handbook* continues in its usual straight-forward style, with plant entries listed alphabetically by common name, then alphabetically by disease or disorder.

As you likely recall, the capital letter H inside a small box indicates a product is suited for home use. Even so, realize that such a product is sometimes listed in the same paragraph, and immediately following, a commercial product. A clear warning that a material is only for commercial use is a dosage that is stated as an amount per 100 gallons or amount per acre.

Organic products are marked with a capital O inside a small box and are only for commercial users. To determine which of these are suited to home use, you can cross-reference two lists: *Fungicides for Disease Control in the Home Landscape* (p. 561) and *Materials Allowed for Organic Disease Management* (pages

551-553), the latter also at http://plant-disease.ippc.orst.edu/articles.cfm?article_id=44.

Sometimes they make it easy for you by tagging a product with both a boxed-O and a boxed-H.

PNW Insect Management Handbook

The 2010 *PNW Insect Management Handbook*'s outside back cover again uses a quick index to the main sections but, to tell the truth, the hefty 3-ring binder seriously interferes with that task.

As in recent years, this handbook has page footers that guide you to applicable information. That said, "Recommendations for Home Use" has been revised to "Recommendations for Commercial and Home Use." The reason is that the home-use information is now incorporated throughout the manuscript. In some instances, home use products aren't available.

To effectively use this new format of dual purpose sections, the shortest route to what you need is the index. After you locate the appropriate page, you'll see that each entry is organized in a clearly defined sequence, with the sections for chemical management in obviously separate sections, one for home use, the other for commercial.

Because of this reorganization, the online handbook should be very easy to use.

PNW Weed Management Handbook

You'll never use, or even see, the entire *PNW Weed Management Handbook* simply because only about eight pages are related to home use. Instead, look for photocopies of those pages in the *MG Resources and References* binder. They'll automatically list materials appropriate for home use.

As in the past, the online version will likely remain a virtual minefield when it comes to home use. So, muster all the caution possible to ensure you locate applicable recommendations.

Perhaps the most useful portion of those few photocopied pages is the chart titled *Weed Treatments & Times of Application for Home Landscapes*.

Here's a translator for the active ingredients in that chart:

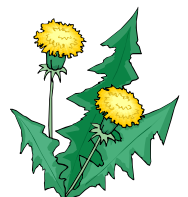
2,4-D: An herbicide selective against broadleaf plants. It's in some weed killers used in lawns, and is one of the choices to use against woody plants against which it is more effective than is glyphosate.

Triclopyr: Another herbicide selective against broadleaf plants which is more effective against woody plants than is glyphosate, just as is 2,4-D. Some home-use products containing triclopyr are Brush-B-Gone, Cut Vine & Stump Killer, and Lilly Miller's Blackberry & Brush Killer.

Glyphosate: A non-selective herbicide that kills targeted plants as well as those nearby but which is inactivated by soil contact. It's in Roundup, Kleen-up and many other products.

Dichlobenil: A pre-emergent against germinating herbaceous plants that is active for up to a year. As such, it stops seeds from sprouting and kills very young seedlings. Home use products are Casoron and Norosac.

Herbicides provide the best results when applied at the specific growth stages stated on the label for the target plant(s) at hand. Even so, one must be persistent when trying to get rid of such perennials as blackberry and bindweed. Plainly put: More than one dose will be required. I tell people "This is your new hobby." Then I add "If you stop for only a season, you will have to start over."



The Informed Gardener, Univ. of Washington Press, 2008, Linda Chalker-Scott PhD(WSU)

This attractive 220 page paperback, in a very readable format, is a brief compilation of topics of interest to the layman gardener in the urban-suburban environment.

The stated goal of the author is to bring science based information in a readily understandable form to the non-professional gardener. Secondary important goals are; bringing objectivity to counter commercial marketing claims and rebut traditional “myths” and misinformation concerning horticulture. The genesis of the book was gleaned from over 35 on-line articles by the author, beginning in 2000, each entitled, “Common Horticultural Myths”. (A complete collection of these articles through 2009 is available in our office library).

It occurred to me that these topics are of great importance, as we pursue OSU Extension Service and National Master Gardener goals of science based education for the home gardener. The book is divided into 6 general topics that cover much of what we have learned and teach in our instructional courses. They are:

CRITICAL THINKING,
UNDERSTANDING HOW PLANTS WORK,
HOW/WHAT/WHEN/WHERE TO PLANT,
SOIL ADDITIVES,
MULCHES, and
MIRACLES IN A BAG/BOTTLE/BOX.

Each sub-chapter (37 in total) under the above headings, is sub-divided into brief discussions of “The Myth” (the misinformation), The Reality (currently available best practices) and, The Bottom Line (take home messages). Most of the text consists of bullet points (actually, small vegetative symbols/fruit or flower buds). Thus, the information provided is concise, and is supported by a modest number of pertinent references. The latter are exclusively from peer reviewed scientific journals and publications (which, I found, are not very accessible).

Assessment:

I found that this small gem of a book was a good review of our instructional materials, reinforcing the ‘take home messages’. At \$18.95, it would be a practical addition to the home library of our new M/G graduates each year. It met the goal identifying and correcting common misconceptions and debunking misinformation. I give it a 9/10 rating for this important purpose. The topics discussed and suggestions made identified incomplete knowledge, and prompted, for this reader, the desire to learn more. Certainly, in the field of science, this is the mark of a good book! For this reason, perhaps, it deserves a 10/10 rating.

Gerald R. Schwarz MD, 2009, Washington County

Spotted wing fruit fly online training – Free

Plan to attend the online Spotted Wing Drosophila Training for Master Gardeners featuring information for home gardeners. The session will be hosted by Amy Dreves (SWD Working Group) and Gail Langellotto (Oregon Statewide MG Coordinator).

To help pin-point infested regions, Metro MGs are encouraged to report their monitoring data to the SWD Working Group. Doing so will assist researchers and Extension agents from Oregon, California and Washington, for the purpose of protecting our vibrant tree fruit and berry industries and home gardens from this new pest.

To view and listen to the presentation, you'll need Internet access via a computer with a monitor and speakers.

The training topics:

- Identification
- Morphology, life cycle, host plants
- Monitoring recommendations
- How to report your monitoring data to the SWD working group
- Management options



Date: May 11, 2010

Time: 10am-12:00pm

URL: <http://oregonstate.na6.acrobat.com/swd>

Protocol:

Sign in as a 'guest' by typing your name and county (e.g. Gail Langellotto - Benton).



Plant swap at the Clackamas April meeting

Photo by Sharon Andrews

SAVE THE DATE

MG Computer Classes – Hands On

Four dates; two sessions each day
Enrollment for each 3-hour session is limited to 20 MGs.
Registration info on page 12

As has been the practice during the computer classes the past two years, the general format will be that the instructors begin with a brief demo, then they will guide you through the step-by-step process to successfully explore the Internet while you search for locally appropriate, research-based information useful to our clients. Then, to reinforce what you've just learned, you'll complete several exercises as you practice your new skills.

Bill Klug (2007; Washington) has again served as our "master scheduler" in that he has located four sites where every MG in each session will have a computer.

Our instructors Jan Breckon (2008; Washington) and Janette Barbour (2008; Washington), both experienced computer instructors in their "real" lives, designed the basic outline of all the classes, then helped refine the step-by-step handouts which enable the class participants to navigate the various sites on their own, at the office or at home. They'll repeat their technique of team teaching which has been so well received to date.

We'll also have several extra MGs on hand who are well-equipped to immediately offer one-on-one assistance when you need it.

Choose from four different dates, each with two different 3-hour sessions:

- Saturday, May 8th at PCC on 82nd & Division Street, Portland
- Saturday, June, 19th at PCC Rock Creek
- Saturday, October 2nd at PCC on 82nd & Division Street, Portland
- Wednesday, October 27th at Clackamas Community College

Here's the content of the various sessions. Please see the registration information for the exact schedule:

- The First Step: Includes using a mouse, menus and Bookmarks; understanding browsers & web addresses (URLs); searching with Google; and viewing the content of the Metro MG page (<http://extension.oregonstate.edu/mg/metro/index.php>).
- Intermediate: You'll learn which links on the OSU Garden Encyclopedia are the most useful to MGs; and you'll see a brief demonstration of our recently developed online MG Referral Forum which extends our ability to solve challenging client inquiries.
- The Next Step: You'll visit still more websites; learn additional search tricks; and see a brief demonstration of the online MG Referral Forum
- MG Referral Forum, and the MG Ning Forum: You'll explore both online forums in depth, and discover how to obtain the most value from them. You'll find out how to upload Referrals from the office, along with any pertinent images, to the MG Referral Forum. Then we'll explore Weston's Metro MG social forum (<http://osumastergardeners.ning.com>). (If you haven't already signed up for this Forum, contact Weston at weston.miller@oregonstate.edu so that he can send you an invitation.) As you likely recall, the various class presentations for Annual Training are posted at the Ning site; they're a great way to review what you saw during class!

No fee, but we suggest you consider a donation to cover the cost of the step-by-step handouts you'll receive. We'll have a helpful ladybug at the door to cheerfully accept whatever you offer!

Internet Essentials for Master Gardeners

Learn how to locate, and use, research-based information on key websites commonly used in the MG offices.

Date	Site	9 to noon	1 to 4 PM
May 8	PCC, SE Center ***	The First Step	Intermediate
June 19	PCC, Rock Creek**	The Next Step	MG Referral Forum & MG Ning Forum
October 2	PCC, SE Center ***	Intermediate	The Next Step
October 27	Clackamas Community College*	Intermediate	The Next Step

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

**PCC, Rock Creek: 17705 NW Springville Rd. Portland, OR 97229

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

Everyone has a computer!

- **The First Step:** Includes taming a mouse; menus; browsers; web address (URL); Bookmarks; the Metro MG page; Google search; demo of MG Diagnostic Forum
- **Intermediate:** OSU Garden Encyclopedia links; demo of MG Diagnostic Forum
- **The Next Step:** More websites & search techniques; demo of MG Diagnostic Forum
- **MG Referral Forum & Ning Forum:** Post Referrals, images & replies

Pre-register now!
All sessions are still open!

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

Please provide the following:

1. Your name, plus phone number or email address
2. Date & time of session(s) you will attend



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

(Computer training sponsored by the Metro Master Gardener Program)

HORTICULTURAL CALENDAR IN THE METRO AREA

May 1	Haggen Planting Days. See March newsletter for details
May 1-2	Clackamas County Chapter Spring Fair—Clackamas County Event Center
May 6	Washington County Chapter meeting “Shrubs for Dry Borders” Neil Bell, OSU Extension
May 10	Clackamas County Chapter meeting “Prevalent Diseases and Pest of the Home Vegetable Garden; Symptoms, Causes and Solutions” Weston Miller
May 11	Multnomah County Chapter, 7pm, Speaker: Marc Boucher-Colbert, Urban Agriculture Solutions LLC, ‘Gardening in Small or Inhospitable Spaces’
May 11	Hardy Plant Society—Rock Roses in the Garden w/David Mason of Hedgerows Nursery, McMinnville. Info at www.hardyplantsociety.org
May 22	Propagation from Cuttings Workshop—see Clackamas Chapter page for information
Jun 5	Starlight Parade
Jun 8	Multnomah County Chapter, 7pm, Speaker: Ramesh Sagli, OSU, Department of Horticulture, ‘Honey Bees: Their Importance and Current Plight’
Jun 12	Oregon Garden Plant Sale
Jul 13	Hardy Plant Society—Hardy Arisaemas and Other Aroids with Norm Kalbfleisch of Woodland Way, Portland. Info at www.hardyplantsociety.org
Jul 28-31	Gardener’s Mini-College, Corvallis http://extension.oregonstate.edu/mg/mini-college
Aug 9	Clackamas Chapter picnic
Aug 10	Hardy Plant Society—A Fanfare of Trumpets: Non-Stop Performers for the Summer Garden w/Maurice Horn of Joy Creek Nursery, Scappoose. Info at www.hardyplantsociety.org



Changes to MG Clinic Binders you Should Know About-

Please take some time and explore the changes and additions to our resource binders at the MG office and plant clinics. In order to provide quality advice to clients we all need to be familiar with current office and clinic procedures. Some important changes include:

MG OFFICE INFORMATION Binder

MG Office procedures-

Brief description of the new referral system and the MG Referral Forum
Clackamas county

new email address- clackmg@oregonstate.edu

the new MG liaison is Kelly Ann Myers. Say hi to her next time you are there!

Referral Forms-extensive description on when and how to use the MG Referral Forum.

Responses to clients- **all** media requests need to go through Weston or Jordis.

Pesticides-new information pertaining to 2010 PNW Management Handbooks.

New "An Introduction to Being a Master Gardener" booklet. See if you can spot Weston Miller and some Clackamas County MGs!

The Basic Resource Books-updates on the use of 2010 PNW Management Handbooks.

Major changes to the PNW Insect Management Handbook!

MG PLANT CLINIC Binder

Same as MG Office Information binder above except no office procedures or referral form info.

New "Weed" section. Now easier to find!

New section- "How to Hire an Arborist". We often recommend clients contact a Certified Arborist- Here's info on what to say!

New "Tally Sheet"- categories added!

MG RESOURCES & REFERENCES Binder

Updated 2010 Resource and Contact List

New MG Websites- www.metromastergardeners.org and <http://osumastergardeners.ning.com>

Multnomah County now has a Speaker's Bureau Coordinator. Thanks for stepping up-Linda Hendrickson!

More resources for animal control

New exotic pets (like spiders!) resources

List of Demo Gardens approved for MG Demo volunteer hours.

eXtension-a national interactive website where a client can 'ask an expert.'

More "Tree" info Resources.

More "Worm" Resources.

New 2010 Coordinator list

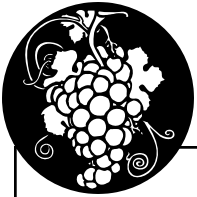
Updated OSU 2010 Monthly Gardening Calendars

Publications in MG Office Files- "Table of Contents" for all the references in the MG files.

A list of all publications is being worked on now!

New section- How to Hire an Arborist.

For more detailed information on these changes and more please check out the binders themselves! The MG Office Information Binder can be currently viewed online at: <http://extension.oregonstate.edu/mg/metro/training-resources>. Information on this site to be updated soon! Keep watch!



MULTNOMAH CHAPTER GRAPEVINE

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

11 May 2010 Chapter Meeting

Mt. Tabor Presbyterian Church 5441 SE Belmont

6:45 Tam Martin (OMGA President will speak & answer questions about OMGA)

6:55 Claudia Groth will discuss the Mini-college kickoff dinner

7:00 Meeting

Gardening in Small and/or Inhospitable Places

Speaker: Marc Boucher-Colbert, Urban Agriculture Solutions LLC

Quite often as gardeners we are forced to utter a version of the serenity prayer: "Help me to accept the things I cannot change." Concrete, contaminated or unworkable soil, lack of available light: these are all seemingly insurmountable challenges to growing food. Using innovative adaptations of container gardening, many of which were developed on the rooftop of Noble Rot restaurant, Marc Boucher-Colbert offers ideas about how to transform 'previously 'wasted' spaces into productive vegetable gardens.

Marc Boucher-Colbert is currently Garden Specialist at Franciscan Montessori Earth School in Portland. He also runs Urban Agriculture Solutions LLC, which provides creative garden solutions for city gardeners. Urban Agriculture Solutions' most notable ongoing project is the three-year-old edible rooftop garden on the Noble Rot restaurant (1111 E. Burnside, Portland), which Boucher-Colbert designed for the late Rocket restaurant and continues to maintain for Noble Rot. For years he operated Urban Bounty Farm, a community-supported farm in Portland and helped start Portland's Zenger Farm in its current incarnation as an urban agricultural park and education center.

(Please stay for the business meeting. LeAnn Locher will discuss the tri-county publicity campaign.)

lovely garden images. Don't delay! Please submit all photos to Marilyn Kongsli: mkongsli@gmail.com (503)289-8889

***May 15th is the deadline for applications for **scholarships for Mini-College**. Contact Justin Dune jdmas-mail@gmail.com for more info.

***After last years rave reviews we are reprising the **Share Your Garden Tour**. Please consider opening your garden for fellow chapter members to tour. This is a lot of fun and a chance to share and celebrate our passion for gardening and learning! This is a 'real' garden tour. No manicured lawns required. We want to see it all, your triumphs and your challenges, your works in progress! You pick the date and the time (last year members scheduled weekend tours and weekday evening tours). The chapter will get the word out so chapter members can drop by and we can learn and share gardening hints, tips, and inspiration together. To open your garden or if you have any questions contact Gloria Bennett (503)7754005 dcleopatra@comcast.net.

***We are working in our **Demonstration Garden** from 9:00 a.m. till noon on Mondays and Thursdays. We have lots of jobs, just show up! We are at SE 60th between Duke and Flavel, across from Brentwood -Darlington Park, at the south gate entrance. You can even be a part of the spring planning. If you want to receive e-mail information, please contact Jean Edmison, housejem@aol.com.

***Our chapter has a booth at the **Canby Spring Fair**, May 1 and 2. If you can help us with the children's potting station and the used garden book sale for a shift, please contact Sharon Baker, gazebo@teleport.com or 503-284-5189. We could use any garden books you no longer want.

*****Phones in Multnomah County!** –The office is in Montgomery Park @ NW 27th and Vaughn. Gloria Bennett (503) 775-4005 dcleopatra@comcast.net is managing the calendar. The phone hours are 10am-2pm Monday to Friday. 2 or 4 hour shifts.

*****Next Board Meeting – Tuesday 4 May 2010 - 6:30 pm** at Jean Edmison's – 7606 S.E. Ellis

*****Coming up... June 8, Chapter meeting, 7pm**
Honey bees: their importance and current plight
Speaker: Ramesh Sagili, Oregon State University, Department of Horticulture

This presentation will focus on the importance of honey bees as pollinators and the current problems with honey bee health, along with suggestions on how to help honey bees and bees in general.

*** **Capture GARDEN Wonders in Photos!**

As you venture into your garden this month you will see that signs of spring will abound. 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

2010 Officers

President - Sharon Baker - 503-284-5189 gazebo@teleport.com

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Photos - Marilyn Kongsli 503-289-8889 mkongsli@gmail.com

Grapevine: Lorna Schilling – 503-334-5162 lornaschilling@yahoo.com



Washington County Chapter Chat

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

Chapter Website: www.wcmga.info

UPCOMING PROGRAMS –

May 6, 2010 “*Shrubs for Dry Borders*”

Neil Bell, Community Horticulturist, OSU Extension

June 3, 2010 “*Audubon Society and Backyard Birds*”

Audubon Society of Portland

Monthly Chapter Meeting is at 6:45 p.m.

Presentations are from 7:15 - 8:15 p.m.

CAPITAL Center, 18640 NW Walker Rd (185th & Walker Rd)
Entrance D-1, Room 1411. The public is welcome.

SOCIAL GATHERING at 6:30 p.m. – come early!

OPEN GARDENS DAY 2010

“*Sustainable Practices for Edibles & Ornamentals*”

Saturday, July 10th, 10 a.m. to 4 p.m.

Docents Needed for this free educational outreach event when WCMGA master gardeners open their private gardens to the public. This year there will be special emphasis on home food growing, IPM, incorporating native plants into the landscape, water-wise gardening, designing for year-around interest and more. Gardens will feature “focus areas” and talks and/or guided tours throughout the day. We hope to include a Community Garden and a School Garden. Docents/Guides are needed for morning and afternoon shifts in all gardens for this popular and fun event (over 700 guests attended last year). To volunteer or for more information, contact **Verleen Fletcher** at vcrmac1@comcast.net or 503-643-9543.

WCMGA MEMBER SURVEY

The survey is coming to you via email that provides a link to the online survey. Please complete the survey within three weeks after receiving it. The Board wants to learn about members’ interests and improve ways to meet your needs and reach our chapter goals.

GARDENERS MINI COLLEGE 2010

Make plans now to attend this 27th annual event with MGs from throughout the state at the OSU campus July 28th to 31st. Go to our website or the Metro Newsletter for more information and registration.

AWARDS AND RECOGNITION

The ‘Golden Trowel’ / **above & beyond** went to **Jean Natter** (the traveling teacher) for her training and traveling to counties throughout the state. A new intern ‘Golden Trowel’ went to **Joe Hayden** for his involvement and help in several projects during his training.

A “big thanks to all” was expressed at our last meeting for the many people who helped during the 2010 training classes. Anna Stubbs listed names on a presentation board recognizing these members and showing their involvement.

Also, a thank you went to **Cheryle Douglas**, church secretary and MG, for all her help throughout the training, and a Certificate of Appreciation went to the **Beaverton Baptist Church** for having their facility available for our 2010 training.

A special thank you goes to **Lynn Wagner** for beautiful floral table centerpieces she created for the potluck

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Editor:	Gerri Larkin	503-671-9307

Submit **Chapter Chat** Information and general chapter announcements to **Gerri Larkin**, Chapter Chat Editor.

Phone **503-671-9307** or e-mail geralyn.dan@gmail.com

For address/email changes, contact Alan Strong, e-mail coordinator, info@wcmga.info

Chapter Website: www.wcmga.info



MAY

Clackamas County Chatter

The Oregon Master Gardener Association in Cooperation with
OSU Extension Service Master Gardener™ Program



2010

May Chapter Meeting

Monday, May 10
Milwaukie Center 7:00 p.m.
5440 SE Kellogg Creek Drive, Milwaukie

Prevalent Diseases and Pests of the Home Vegetable Garden: Symptoms, Causes, and Solutions

Weston Miller, OSU Extension Agent
Seasoned gardeners know that part of growing a vegetable garden is learning about common diseases and pests that may visit our garden. Knowing the symptoms allows us to spot trouble early; knowing the causes and solutions allow us to take timely action to minimize damage.

Weston Miller, OSU Extension Agent for the Portland Metro region, will provide a comprehensive review of what every home gardener should know. In addition to working as an educator, Weston has developed an organic farm which grows a wide variety of fruits and vegetables. This presentation is valuable to those who grow vegetables and is timely for Master Gardeners who serve clients interested in vegetable gardening.

June Meeting Preview

Garden Circulation: A Maze or Amazing?

Vanessa Nagel, APLD, Timber Press author, Garden Designer, Seasons Garden Design LLC

Getting lost in your garden? Vanessa Gardner Nagel will discuss how to use space efficiently, how to determine direction, how to use focal points, subtle way-finding, safety, and more, helping you establish paths and garden circulation that makes sense.

Public Events

Spring Garden Fair, May 1-2, Canby
Event Center Fairgrounds: 180+ vendors selling all types of ornamental and edible plants plus garden art.

Starlight Parade, June 5. Contact Frank Wille, franklyna@comcast.net, for more information.

Workshop for Master Gardeners Propagation from Cuttings Workshop, May 22, 9:30-11:30 a.m. Pre-registration required. Contact: Madeline Forsyth, 503-465-1113, mpforsyth849@yahoo.com

Kudos

Green Glove Award: Jane Collier, MG Guide and MG Diagnostician, annually makes significant contributions to new MG & phone clinic training, coordinates and hosts the Pruning Workshop, develops and presents 10-Minute University™ classes, co-chairs the Education Resources Committee, and serves in the Insect Curator group.

Better Living Show: Thanks, everyone, who gave 10-Minute University™ talks and/or staffed the OSU Extension Service booth – Sherry Holley, Laura Eyer, Sharon Wiley, Ann Upton, Sally Barrett, Dave Smith, Will Newman, Darlene Reimer, Jane Collier, Daisy Teske, and Sherry Sheng. OSU sponsored the seminar series, and MGs served as hosts. Thank you to Rob Kappa, Jim Kronenberg, Holly Pedersen, Gray Thompson, and Laura Eyer for making the seminars run smoothly.

Featured Committee

Clinics at Farmers' Markets

Master Gardeners conduct clinics at three farmers' markets – Lake Oswego, Oregon City, Milwaukie – in Clackamas County. Each market has its own character and mix of vendors. If you are not familiar with them, be sure to sign up for a couple of shifts this summer. We don't want you to miss out on the fun!

The Lake Oswego and Oregon City markets are open on Saturdays, and the **Milwaukie market** is open on Sundays. Contact these coordinators for more information and to sign up. See the Chapter Directory for phone numbers.
Lake Oswego Farmers' Market: Kathy Whitman, kathywhitman@juno.com; Phyllis McCanna, mccanna.smith@mac.com

Milwaukie Farmers' Market: Ellen Hanley, ellenpoppy@aol.com; Linda O'Toole, sclot@aol.com

Oregon City Farmers' Market: Janet Weber, weberjanet@hotmail.com

Open Gardens

Consult your directory for open garden information. Contact Dot Carson if you wish to share your garden with fellow Clackamas County Master Gardeners.

June 5 & 6, 9-4: Sharon Wiley

June 19, 2-8: Holly Pederson

June 26, 10-5: Bee Smith

June 26, 10-5: Shirley Henderson

June 26, 10-5: Meredith Hilderbrand

June 27, 10-5: Bee Smith,

June 27, 10-5: Shirley Henderson

June 27, 10-5: Meredith Hilderbrand

June 26, 12-5: Nikki Mantei

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Asst. Treasurer • Trudy O'Donnell: 503-636-1697

Advisory Board • Gene Mc Coy: 503-631-8059

Newsletter • Kathy Johnson: 503-794-3959

Websites: <http://extension.oregonstate.edu/mg/> — <http://www.clackamascountymastergardeners.org/>

May 2010

Garden hints from your OSU Extension Agent

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.

First consider cultural, and then physical controls. The conservation of biological control agents (predators, parasitoids) should be favored over the purchase and release of biological controls. Use chemical controls only when necessary, only after identifying a pest problem, and only after thoroughly reading the pesticide label. Least-toxic choices include insecticidal soaps, horticultural oils, botanical insecticides, organic and synthetic pesticides — when used judiciously.

Recommendations in this calendar are not necessarily applicable to all areas of Oregon. For more information, contact your local Extension office (<http://www.extension.oregonstate.edu/locations.php>).

Planning

- Prepare and prime irrigation system for summer.
- Use a soil thermometer to help you know when to plant vegetables. Wait until the soil is consistently above 70°F to plant tomatoes, squash, melons, peppers and eggplant.
- Place pheromone traps in apple trees to detect presence of codling moth. Plan a control program of sprays, baits, or predators when moths are found.

Maintenance and Clean Up

- If needed, fertilize rhododendrons and azaleas with acid-type fertilizer. If established and healthy, their nutrient needs should be minimal. Remove spent blossoms.
- When selecting new roses, choose plants labeled for resistance to diseases. Fertilize roses and control rose diseases such as mildew with a registered fungicide.

Planting/Propagation

- Plant dahlias, gladioli, and tuberous begonias in mid-May.
- Plant chrysanthemums for fall color.
- Plant these vegetables (dates vary locally; check with local gardeners):

Oregon coast: snap beans, broccoli, Brussels sprouts, cantaloupes, pickling cucumbers, dill, kale, parsnips, peppers, pumpkins, summer and winter squash, sweet corn, tomatoes.

Western Oregon: mid-May, transplant tomato and pepper seedlings.

Western valleys, Portland, Roseburg, Medford: snap and lima beans, Brussels sprouts, cantaloupes, slicing and pickling cucumbers, dill, eggplant, kale, peppers, pumpkins, summer and winter squash, onions, potatoes, tomatoes, watermelon.

Lower elevations, eastern Oregon (dates vary widely):

snap and lima beans, beets, celery, sweet corn, slicing and pickling cucumbers, dill, kale, kohlrabi, onions, parsley, parsnips, peppers, white potatoes, pumpkins, summer and winter squash, tomatoes.

Central Oregon and higher elevations of Eastern Oregon:

Direct seed carrots, corn (late May), chard, kohlrabi, and potatoes. Transplant brussel sprouts, cauliflower, cucumbers

(late May), leeks, or peppers.

Columbia and Snake River valleys, Ontario: cantaloupes, dill, eggplant, kale, okra, peppers, sweet potatoes, tomatoes, watermelon.

Pest Monitoring and Management

- If an unknown plant problem occurs, contact your local Master Gardener hotline or plant clinic, for identification and future management options.
- 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.
- Trap moles and gophers as new mounds appear.
- Leafrolling worms may affect apples and blueberries. Prune off and destroy affected leaves.
- Monitor aphids on strawberries and ornamentals. If present, control options include washing off with water, hand removal, or using registered insecticides labeled for the problem plant. Read and follow all label directions prior to using insecticides. Promoting natural enemies (predators and parasitoids that eat or kill insects) is a longer-term solution for insect control in gardens.
- Spittle bugs may appear on ornamental plants as foam on stems. In most cases, they don't require management. If desired, wash off with water or use insecticidal soap as a contact spray. Read and follow label directions when using insecticides, including insecticidal soap.
- Control cabbage worms in cabbage and cauliflower, 12-spotted cucumber beetle in beans and lettuce, maggot in radishes. Control can involve hand removal, placing barrier screen over newly planted rows, or spraying or dusting with registered pesticides, labeled for use on the problem plant. Read and follow label directions when using insecticides.
- Tiny holes in foliage and shiny, black beetles on tomato, beets, radishes, and potato indicate flea beetle attack. Treat with Neem, Bt-s, or use nematodes for larvae. Read and follow label directions when using insecticides.
- Prevent root maggots when planting cole crops (cabbage, broccoli, collards, and kale) by covering with row covers or screens, or by applying appropriate insecticides.
- Monitor rhododendrons, azaleas, primroses and other broadleaf ornamentals for adult root weevils. Look for fresh evidence of feeding (notching at leaf edges). Try sticky trap products on plant trunks to trap adult weevils. Protect against damaging the bark by applying the sticky material on a 4-inch wide band of poly sheeting or burlap wrapped around the trunk. Mark plants now and manage with beneficial nematodes when soil temperatures are above 55°F. If root weevils are a consistent problem, consider removing plants and choosing resistant varieties. (See <http://cru.cahe.wsu.edu/CEPublications/eb0970e/eb0970e.pdf> for list of rhododendrons exhibiting resistance to adult root weevil feeding.)
- Control slugs with bait or traps and by removing or mowing vegetation near garden plots.

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.

Trade-name products and services are mentioned as illustrations only. This does not mean that the Oregon State University Extension Service endorses these products and services or intends to discriminate against products and services not mentioned.

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