



# Metro Master Gardener™ Newsletter

## July 2014

### OSU Extension Service

#### Metro Master Gardener™ Program

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

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

#### Mission Statement

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

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

[www.oregonmetro.gov/garden](http://www.oregonmetro.gov/garden)

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# Master Gardener program newsletter- July and August 2014

The Master Gardener program team (Weston Miller, Pukhraj Deol, Jordis Yost, and Margaret Bayne) has the following updates about the program and content for you to learn more about gardening:

- 1. Master Gardener program updates from Weston Miller**
  - Restructuring training and volunteering for 2015
  - An important letter to phone clinic volunteers
- 2. Volunteer opportunities from Jordis Yost**
- 3. Recertification opportunities from Margaret Bayne**
- 4. Recent media outreach with Weston Miller**
- 5. Early summer is prime time for planting fall, winter vegetables**

## 1. Master Gardener program updates from Weston Miller

[weston.miller@oregonstate.edu](mailto:weston.miller@oregonstate.edu) 503-706-9193

- Restructuring training and volunteering for 2015
- An important letter to phone clinic volunteers

### Restructuring training and volunteering for 2015

Established in 1976, the OSU Extension Service Master Gardener program™ in Clackamas, Multnomah, and Washington counties has provided exceptional public service to the region and has provided thousands of volunteers with meaningful educational and horticultural volunteer opportunities. The format and content of the MG training and focus of volunteer activities have remained relatively constant since that time, but many social factors affecting our education and volunteer program have changed. For example, major social changes include volunteer demographics and interests, changing public interests in horticulture topics (particularly community food production and eco-friendly landscaping), and the ever-increasing needs of underserved communities. The Master Gardener training and volunteer program, as it is currently structured, is not sustainable in terms of maintaining existing operations and responding to the changing needs of our volunteers and the community.

Based on rich feedback from a recent strategic planning session facilitated by Master Gardener volunteers Sherry Sheng and Sandy Japely, the MG program team (Weston Miller, Pukhraj Deol, Jordis Yost, and Margaret Bayne), with support from our OSU supervisors, would like to propose a major transformation of the MG training, volunteer activities, and relationships with an array of community partners for 2015. This program restructuring will allow us to simultaneously accomplish the following major goals:

1. Maintain the strong foundation and focus of the MG program to provide research-based horticulture education to the community.
2. Respond in a proactive rather than reactive way to the increasing challenge of maintaining existing operations of the MG program and respond to the changing needs of volunteers and the community.
3. Advance the educational mission of OSU Extension Service to provide relevant, community-based education programs for the region.
4. Establish a functional model for Master Gardener Program 2.0 to help grow the organization into the future. This model will likely be of interest to other MG program managers in Oregon and beyond, since the opportunities and challenges that the metro area MG program faces are not unique to our region.

Please join us on Friday July 25, 2014 from 1pm to 4pm for an “all hands” meeting for MG volunteers to hear about these proposed changes and provide input as we make major decisions regarding the training and volunteer program for 2015 and beyond. This meeting will be held at North Willamette Research and Extension Center (NWREC) at 15210 NE Miley Road Aurora, OR 97002. Please RSVP to Weston Miller: [weston.miller@oregonstate.edu](mailto:weston.miller@oregonstate.edu) or 503-706-9193. We will send an agenda and background documents a week in advance of the meeting for your review.

### An important letter to phone clinic volunteers

Dear Phone Clinic MG Volunteers,

We want to extend a very appreciative thank you to all Master Gardeners who volunteer at our phone clinics! Your generous contribution of time, energy, passion and support is a major reason for the success of the metro area Master Gardener program. We depend on you to provide exceptional outreach that supports the mission of OSU Extension.

As part of this mission, we are now supplying all of the offices with the Metro resources. Here are important details that we want you to be aware of when you are representing the OSU Extension Service Master Gardener program and information on how to use these materials:

- Refer to the “2014 Field Guide” document, contained in the Office Information Binder, for details about the OSU/Metro partnership and how to facilitate the Healthy Lawn and Garden pledge.
- Make sure to refer to the “Home Garden Pesticide Uses and Hazards” document, in the Office Information binder to help convey the relative toxicity of various pesticide products.
- Also remember that the “accordion” packet contains a link to the Grow Smart Grow Safe website, [www.growsmartgrowsafe.org](http://www.growsmartgrowsafe.org), which has detailed information regarding the relative toxicity of various gardening products and how to manage garden insects, diseases, and weeds naturally. This book is no longer in print; please refer client to website.)
- Offer the “accordion packet” and the “Healthy Lawn and Garden Pledge”, to all walk-in clients at your office, and remember that we do not need to collect their email and address on the pledge card. Some folks just don't want to share their contact information. Put any completed forms in the pocket of the “MG Office Information” binder.
- Give the “Pesticide Free Zone “lady bird beetle” sign to those clients that leave a pledge card on which they have checked that they will ‘stop’ or are ‘already pesticide free”.
- Tell the client that if they are interested in taking the pledge, MGs can complete [an online pledge form](#) with contact information provided by the client. The client will be automatically sent a “Pesticide Free Zone” sign from Metro if they either already do not use pesticide products or plan to stop using them.
- Collect client names, zip code and email addresses on the “Sign up for the Healthy Yard and Garden e-newsletter” form. Keep this form on the clip board provided.
- We will have someone collect all of the pledges and email sign up sheets.

Phone clinics are a great outreach program and a great learning experience for you too! Thank you for your continued support of the metro area Master Gardener Program. You are a valued member of the team!

Weston, Pukhraj, Jordis and Margaret

## 2. Opportunities from Jordis Yost

[jordis.yost@oregonstate.edu](mailto:jordis.yost@oregonstate.edu); 503-650-3118

### SUMMER ACTIVITIES

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

As a reminder, *2014 trainees owe 66 hours.*

26 hours Primary Activities- Primary activities are those in which *Master Gardeners are acting as educators on behalf of OSU in clinics, on the phones or in a speaker bureau engagement. These are the metro Master Gardener Program's primary outreach service activities.*

40 hours Support Activities- *Support activities are those in which Master Gardeners are acting in either educational or support roles other than clinics, phones or speakers' bureau and often within partnerships established with other agencies, organizations or OMGA Chapters.*

If you are having trouble finding enough activities for Primary hours, please continue to do activities in the Support category in order to get your hours completed. The same works in reverse...if you are enjoying your shifts on the phones or at clinics, more than 26 hours in this category (Primary) is fine.

*Veterans* do 25 hours, with at least 12 of those as Primary (see above).

### FAIRS

Clackamas County Fair is August 12 – 17 (Tuesday – Sunday). The MG booth is located near an entertainment stage and a lovely garden display and plant sale. Contact coordinator Jane Collier 503-266-1191 or [use CERVIS](#). Come to the fair and stop by the booth and say hello.

Washington County Fair is July 24 – 27 (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.

Look on CERVIS for open shifts or contact Bill Klug with any questions at 503-681-0143 [billklug@frontier.com](mailto:billklug@frontier.com)

Oregon State Fair is August 22–September 1, but metro Master Gardeners staff the booth on Aug 29-31. We typically have the Labor Day week-end shifts Friday, Saturday and Sunday, with other days staffed by MGs from around the state. This fair is located in Salem. Look on CERVIS for shifts. You can also call or email Jordis Yost [jordis.yost@oregonstate.edu](mailto:jordis.yost@oregonstate.edu) and ask for a morning, afternoon, or evening shift on Friday, Saturday or Sunday

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



Clackamas County MG Booth



**Crackedpots Art Show** at McMenamins Edgefield (Troutdale) is asking for OSU Master Gardeners to staff a garden clinic booth again this year at their big annual art show and sale. It is **Tuesday, July 22** and **Wednesday, July 23**. Shifts are 10 am to 1 pm...1 to 4 pm...and 4 to 7 pm. Look on CERVIS to register for available shifts. You can also contact Jordis for more information or to schedule a shift.

<http://crackedpots.org/>

### 3. Some recertification opportunities from Margaret Bayne

[Margaret.bayne@oregonstate.edu](mailto:Margaret.bayne@oregonstate.edu); 503-650-3126

July 2 "Summer Pruning-Fruit Trees", 7:00 pm – 9:00 pm, Monica Maggio, at the Commons at Tabor Space, Portland. Fee required. <http://corefruitinstitute.com/>

July 10 "Introducing Edibles into Your Ornamental Landscape", 10:00 am, Jenkins Estate Learning Garden, Beaverton, WCMGA.

<http://www.metromastergardeners.org/washington/washevents.php>

July 12-13 OSU Master Garden Mini-college classes. <http://extension.oregonstate.edu/mg/minicollege>

*(Most, but not all classes, count towards Veteran recertification. See the schedule at this link for a list of classes with a check mark, which count toward recertification):*

[http://extension.oregonstate.edu/mg/sites/default/files/mini-college\\_2014\\_at\\_a\\_glance.pdf](http://extension.oregonstate.edu/mg/sites/default/files/mini-college_2014_at_a_glance.pdf)

July 19 "Native Plants of the Lewis and Clark Trail", 10:00 am, Jenkins Estate Learning Garden, Beaverton, WCMGA. <http://www.metromastergardeners.org/washington/washevents.php>

July 25 "Composting With Worms", 10:00 am, Beaverton City Library, Beaverton, WCMGA.

<http://www.metromastergardeners.org/washington/washevents.php>

August 6 "Best Fruit Varieties for the Pacific Northwest-Trees, Shrubs, Vines and Berries", 7:00 pm – 9:00 pm at the Commons at TaborSpace, Portland, Monica Maggio. Fee required.

<http://corefruitinstitute.com/>

August 14 "Selecting Plants for Dry, Water-wise Gardens", 10:00 am, Jenkins Estate Learning Garden, Beaverton, WCMGA. <http://www.metromastergardeners.org/washington/washevents.php>

August 19 "Gardening Made Easier", 6:30 pm, Beaverton Library, Beaverton, WCMGA.

<http://www.metromastergardeners.org/washington/washevents.php>

August 23 "Simplifying Compost", 10:00 am, Jenkins Estate Learning Gardening,

Beaverton, WCMGA. <http://www.metromastergardeners.org/washington/washevents.php>

## ONLINE

“Plant Disease Diagnosis Certificate”, an online Master Gardener Short Course, OSU. Fee attached.  
<https://pace.oregonstate.edu/catalog/plant-disease-diagnosis-certificate>

“Landscaping with Native Plants”, an online Master Gardener Short Course, OSU. Fee attached.  
<https://pace.oregonstate.edu/catalog/landscaping-native-plants>

“Systematic Approach to Plant Problem Diagnosis”, an online Master Gardener Short Course, OSU. Fee attached.  
<https://pace.oregonstate.edu/catalog/systematic-approach-plant-problem-diagnosis>

“Cultural Causes of Plant Problems”, an online Master Gardener Short Course, OSU. Fee attached.  
<https://pace.oregonstate.edu/catalog/cultural-causes-plant-problems>

“Master Gardener Short Course Series”. Choose from: Botany (free); or Soils and Compost; Vegetable Gardening; Introduction to Entomology; Plant Pathology; Understanding Pesticides; Integrated Pest Management (IPM); or Woody Landscape Plants (fee required for all classes except Botany):  
<https://pace.oregonstate.edu/catalog/master-gardener-onlineshort-course-series - courses-section>

## **4. Recent media outreach with Weston**

I have been lucky enough to partner with local media multiple times this spring including the following:

### **KATU AM Norwest**

[How to Help Your Plants Survive the Summer](#)  
[Choosing Drought-Hardy Plants for Your Garden](#)  
[Planting Strawberries](#)

### **Cooking up a Story vegetable gardening series**

- 🔗 [Transplanting Vegetable Starts for Your Garden](#)
- 🔗 [Ways to Extend the Growing Season in Your Garden](#)
- 🔗 [Transplant and Direct Seed Methods For Growing Early Season Vegetables](#)
- 🔗 [Choosing the Right Garden Tools for Your Vegetable Garden \(video\)](#)
- 🔗 [12 Garden Planning Tips to Maximize the Growing Season](#)

## **5. Early summer is prime time for planting fall and winter vegetables** Source: Weston Miller, The OSU Extension Service

Have you always wanted to harvest vegetables from your garden through the fall and into the winter? With a little extra planning and care, you can enjoy fresh vegetables from your garden most of the year.

Early to mid-summer is the time to plant seeds for a fall and winter garden, says Weston Miller, community and urban horticulturist for the OSU Extension Service.



Plant cabbage in June or July for a late-season harvest. (Photo by Lynn Ketchum.)

Many cool-season crops such as broccoli, lettuce, spinach, chard, kale and carrots produce well in the fall and, in mild-winter areas of the Pacific Northwest, hold through the winter if protected in an unheated greenhouse or under row cover.

"A good strategy is to plant these vegetables in mid- to late-summer after you harvest spring crops and as space is available," advises Miller. "To be successful in extending your harvest into the fall and winter, you need to plan ahead, choose varieties wisely and give proper care to your plants."

Choose varieties that are suited to fall harvest and winter storage as indicated in seed catalogs. Fall/winter crop varieties and timing guidelines are indicated below:

### **Direct seed around July 15**

(Direct seeding these crops during the heat of summer can be challenging because seedbeds require consistent moisture until germination. Consider using burlap sacks or row cover fabric to help shade the soil and conserve water. Make sure to remove covering just as soon as the seeds germinate.)

Beets: Red Ace, Golden, Blankoma, Chioggia

Carrots: Bolero, Merida, Royal Chantenay, Napoli, Nelson, Yaya

### **Seed in flats by mid June and transplant by mid July**

Broccoli: Purple Sprouting, White Sprouting Late, Rudolph, Arcada,

Cabbage: (green) Danish Ballhead, Storage Hybrid #4, Blue Thunder; (red) Ruby Perfection, Red Acre

Cauliflower: Amazing, Denali, Vita Verde, Skywalker

### **Transplant by early August**

Kale: Winter Red, Winterbor, Tuscan

Lettuce: Winter Density, Oak Leaf, Marvel of Four Seasons

Swiss chard: Perpetual, Rhubarb, Charlotte, Ruby Red

### **Direct seed by mid August**

Spinach: Bloomsdale Long Standing, Tyee, Olympia, Oriental Giant, Bordeaux

Leaf lettuce: Black Seeded Simpson

Swiss chard: Perpetual, Rhubarb, Charlotte, Ruby Red

### **Direct seed by early September**

Arugula, mustard green, mâche, radish, turnip



## Plant certified disease resistant garlic in October

As the growing season progresses through August and September, crop growth slows down and vegetables require about two weeks longer to reach maturity than the number of days to harvest information given on the seed pack. Following the timing guidelines above should allow you to have a bountiful harvest of vegetables through the fall and winter and even into next spring. Also, you can allow broccoli family crops to overwinter and harvest small quantities of greens through the winter and then harvest the sprouting flowers (broccoli raab) next spring.

Use season extension devices like row cover to push dates listed above later into the season by two to four weeks, but know that you might not get as much harvest as crops sown earlier. Also, hard freezes like those we experienced last winter can damage even the hardiest crops.

To learn more about how to plan and grow a fall and winter garden, view the publication [Fall and Winter Vegetable Gardening in the Pacific Northwest](#). There's information on planting times and choosing varieties and garden locations. It also explains how to pre-sprout seeds, care for young plants, prepare for frost, and extend the growing season with cold frames, cloches, row covers and hotbeds. Also, see OSU's list of [Recommended Vegetable Varieties](#) to make sure you choose varieties known to perform well in the Willamette Valley.

Contact Master Gardener volunteers with your gardening questions.

<http://www.metroastergardeners.org/index.php>.





## Natter's Notes

### Tansy ragwort & St. Johnswort

Jean R. Natter

During June, several calls to the MG offices were from folks concerned about the abundant tansy ragwort they were seeing in their pastures and/or along roadsides. One person was truly overwrought about her three-acre pasture that was “yellow with that weed. I definitely need some of those worms.”

But wait! Was it tansy?

Well, no. It wasn't tansy. Instead, it was St. Johnswort, a look-alike weed.

It's true that the two weeds are nearly twins but one important difference seen early in the season is that they start their bloom periods at different times. St Johnswort begins in June which is a month prior to tansy. Then both may flower through September. As I write, it's June 23, and tansy's flower buds are showing just a bit of yellow.

It's certainly easy to confuse the two plants, because, at a quick glance, they're essentially the same. When growing under average conditions, both are rich green plants topped with a cluster of yellow flowers. Then, when you learn a bit about their backgrounds, you realize they're both invasive weeds common in disturbed soil and are toxic to livestock. Both have been successfully minimized via classic biological control programs in which natural insect enemies from their native countries have been collected, imported, and released, thereby helping to decrease infestations while greatly minimizing the use of pesticides. Over several decades, the biological agents reduced the infestations such that damage is below economic levels.

Even so, a naturally-occurring built-in feature of biological control is that it is cyclical. For instance, a wet spring may be particularly favorable for the plants but will decrease insect populations. And so it will continue. Some years the weeds will be very obvious, other years not so much. But a modest residual weed population must always remain to support the imported beneficial insects.

Even though the St. Johnswort and tansy ragwort look very similar when viewed at a quick glance, they have some very distinct differences which will be useful in July and beyond when they are both in bloom. Fortunately, the critical characteristics are easy to locate and recognize. (See chart.)

So, let's return to the woman who wanted “some of those worms” for her pasture. As you likely recall, client inquiries concerning weed management in pastures and/or otherwise related to livestock are to be referred to the appropriate Extension Service Agent as named in the MG Resources & References binder in each MG office.



A very healthy rosette of tansy ragwort recently discovered tucked in among perennials. (June 21, 2014).



Comparison of individual stems, leaf arrangement, and position of flower buds of tansy ragwort (L) and St. Johnswort (R) (June 21, 2014)



Tansy ragwort typically displays webby strands on young growth, here seen on and around unopened flower buds. (June 22, 2014)

Characteristic	St. Johnswort (Klamath weed)	Tansy ragwort
Botanic name	<i>Hypericum perforatum</i>	<i>Senecio jacobaea</i>
Country of origin	Europe	Europe
Plant family	Clusiaceae (St. Johnswort family)	Asteraceae (Sunflower family)
Life cycle	Perennial	Biennial or short-lived perennial
Bloom time	June to September	July to September
Flowers	Yellow, 5 petals, many stamens	Yellow disk and 12 to 13 ray flowers; form resembles a daisy
Leaves	Leaves opposite, simple, oblong; sessile on the stem; translucent dots visible when leaf is held to the light	Leaves alternate, 2 to 8 inches long, pinnately lobed
Stem	1 to 3 feet tall; many branches; reddish and flattened	1 to 6 feet tall; straight stems solitary or several; cobwebby hairs on new/young growth
Mechanism of spread	Seeds and creeping rhizomes	Seeds
Adverse reactions	Toxic to white-haired animals, causing skin irritation when skin is exposed to strong sunlight	May kill cattle and horses via liver failure; sheep are resistant
Biological control agents released and effective in Western Oregon	<ul style="list-style-type: none"> <li>- Root boring beetle, <i>Agrilus hyperici</i></li> <li>- Moth, <i>Aplocera plagiata</i></li> <li>- Leaf beetle, <i>Chrysolina hyperici</i></li> <li>- Leaf beetle, <i>Chrysolina quadrigemina</i></li> <li>- Gall midge, <i>Zeuxidiplosis giardi</i></li> </ul>	<ul style="list-style-type: none"> <li>- Cinnabar moth, <i>Tyria jacobaeae</i> - Tansy ragwort flea beetle, <i>Longitarsus jacobaeae</i></li> <li>- Ragwort seed head fly, <i>Botanophila seneciella</i></li> </ul>



Comparison of flower buds of St. Johnswort (L) and tansy ragwort (R). The small dark dots on St. Johnswort buds are normal. (June 22, 2014)



Showy flowers of St. Johnswort with the characteristic small dark dots at the edge of each of the five petals. (June 2, 2014)

### Resources:

- *Tansy resurgence* (2011; ODA) <http://oregonstate.edu/ua/ncs/archives/2011/aug/after-three-decades-control-invasive-tansy-ragwort-once-again-threatening-oregon>
- *Weed Management in Nursery Crops*, is a site James Altland designed for commercial growers of field crops and container plants; it's also a useful identification resource for MGs. Use the drop down boxes to locate information for St. Johnswort and tansy ragwort: <http://oregonstate.edu/dept/nursery-weeds/>
- Plant profile: Tansy ragwort (*Senecio jacobaea*): [http://www.oregon.gov/ODA/PLANT/weeds/Pages/profile\\_tansyragwort.aspx](http://www.oregon.gov/ODA/PLANT/weeds/Pages/profile_tansyragwort.aspx)
- Plant profile: St. Johnswort (*Hypericum perforatum*) [http://www.oregon.gov/ODA/PLANT/WEEDS/pages/profile\\_stjohnswort.aspx](http://www.oregon.gov/ODA/PLANT/WEEDS/pages/profile_stjohnswort.aspx)
- Books in the metro MG offices:
  1. *Weeds of the West*: St. Johnswort: pages 633-638; Tansy ragwort: pages 382-390
  2. *Weeds of California*, Vol. 1: St. Johnswort: pages 276; Tansy ragwort: pages 166



# **Rural Living Field Day**

***Saturday, August 23, 2014***

***8:30 am-2:00 pm***

***Howell Territorial Park, Sauvie Island***

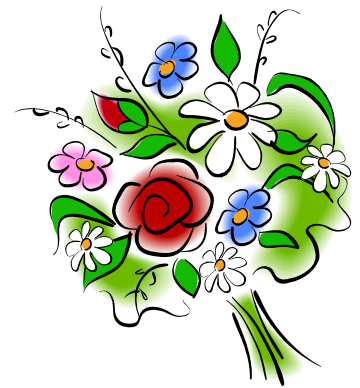
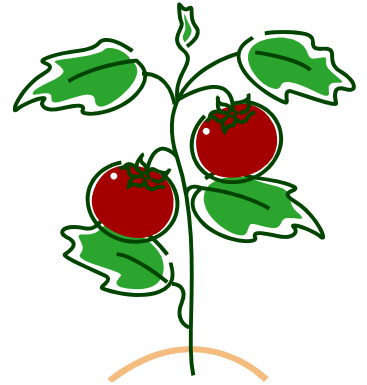
**Get to know your neighbors and learn how to improve your land! \$15 per person/\$20 per family; includes a fabulous lunch. Multiple tracks on healthy woods, wildlife, soils, orchards, crops, invasive weeds, stream restoration, pollinators, manure composting and more. Sponsored by West Multnomah, Tualatin and Columbia County SWCDs and the Oregon Small Woodlands Association.**

***It's easy to register - just click "Events"  
at [www.wmswcd.org](http://www.wmswcd.org)***



# HORTICULTURAL CALENDAR FOR THE METRO AREA

- July 2 Summer Pruning-Fruit Trees\*
- July 8 Multnomah Co. – Preserving Tomatoes and the Laws of Salsa!
- July 10 Washington Co. – Introducing Edibles into your Ornamental Landscape\*
- July 11 - 13 OMGA Mini College on the OSU campus \*  
<http://extension.oregonstate.edu/mg/minicollege>
- July 14 Clackamas Co. – Tour of Vern Nelson’s garden
- July 19 Washington Co. – Native Plants of the Lewis and Clark Trail\*
- July 19 Washington Co. - Chapter Picnic
- July 25 Composting With Worms\*
- August 6 Best Fruit Varieties for the Pacific Northwest-Trees, Shrubs, Vines and Berries\*
- August 11 Clackamas Co. – Annual Chapter picnic
- August 12 Multnomah Co. – The Cutting Edge – bountiful bouquets and arrangements
- August 14 Selecting Plants for Dry, Water-wise Gardens\*
- August 19 Gardening Made Easier\*
- August 23 Rural Living Field Day
- August 23 Simplifying Compost\*
- September 8 Clackamas Co. – Wildlife Viewing Opportunities on the National Wildlife Refuges
- September 10 Multnomah Co. – Harvest to Table, “Cook with what you have”
- October 11 Clackamas Co. – Fall into Gardening
- October 13 Clackamas Co. – “The Art of Bonsai” and Plant & Seed Swap
- November 10 Clackamas Co. – “Weather and Gardening”
- December 8 Clackamas Co. – “Designing & Equipping the Home Greenhouse”



\*These are recertification opportunities

# July Garden Calendar

## Sustainable gardening

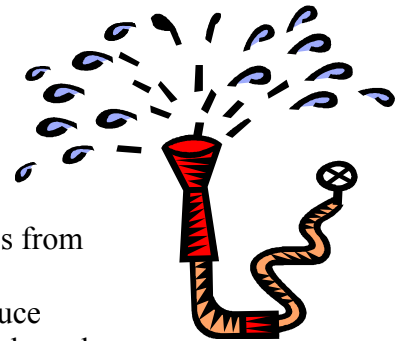
The Oregon State University Extension Service encourages **sustainable gardening practices**.

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

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

## Maintenance and Clean Up

- If a green lawn is desired, make sure lawn areas are receiving adequate water (approximately 0.5 to 1.5 inches per week from June through August). Deep watering less often is more effective than frequent shallow watering. Measure your water use by placing an empty tuna can where your irrigation water lands.
- Mound soil up around base of potatoes. Gather and eat a few "new" potatoes from each hill, when plants begin to flower.
- Early morning is the best time to water vegetable and flower gardens to reduce evaporation. Water the soil, rather than leaves to reduce disease. Water deeply and infrequently to encourage root growth.
- Hanging baskets of flowers or vegetable plantings need careful attention to watering and feeding during extended periods of hot weather.
- Weed and fertilize rhubarb and asparagus beds. A mulch of compost or rotted cow manure works well as fertilizer. Water deeply to develop crowns for next year.
- Mulch to conserve soil moisture with paper, plastic, sawdust, etc.
- Stake tall-growing flowering plants such as delphinium, hollyhocks, and lupine. Stake tomatoes, as necessary.
- Make compost of lawn clippings and garden plants that are ready to be recycled. Do not use clippings if lawn has been treated with herbicide, including "weed-and-feed" products. Do not compost diseased plants unless you are using the "hot compost" method (120 degrees to 150 degrees Fahrenheit).

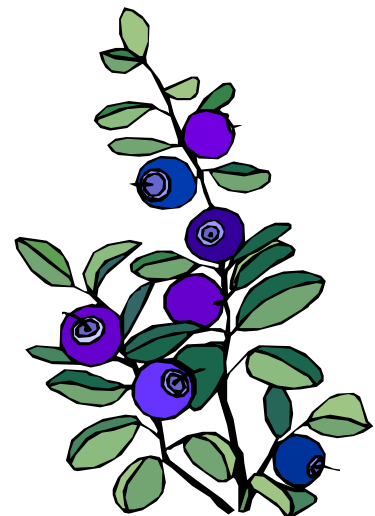
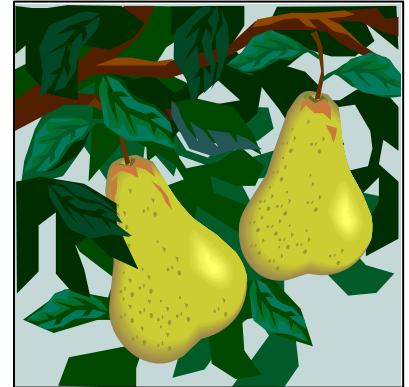


## Planting/Propagation

- Midsummer plantings of beets, bush beans, carrots, cauliflower, broccoli, lettuce, kale, and peas will provide fall and winter crops.
- Dig spring bulbs when tops have died down; divide and store or replant.
- **Oregon Coast:** First planting of Chinese cabbage, kohlrabi, and rutabagas.

## Pest Monitoring and Management

- Remove cankered limbs from fruit and nut trees for control of diseases such as apple anthracnose and bacterial canker of stone fruit. Sterilize tools before each new cut.
- Control hollyhock rust by sanitation, picking affected leaves, or spraying with a registered fungicide. Read and follow label directions.
- Watch for cutworm damage in 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 degrees Fahrenheit, or spray with *Bt-k* according to label directions.
- **Late July:** Begin to monitor for early and late blight on tomatoes.
- 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, as necessary.
- **July 10-15:** Spray peach and prune trees for peach tree borer, and peach twig borer, as necessary.
- **July 17-23:** Third spray for codling moth in apple and pear trees, as necessary.
- Cover blueberry bushes with netting to keep birds from eating the entire crop.
- Watch for early and late blight on tomatoes. Correct by pruning for air circulation, picking off affected leaves, and/or treat with approved fungicide.
- Monitor camellias, holly, and maple trees for scale insects. Treat if necessary.
- Monitor rhododendrons for adult root weevils. Look for fresh evidence of feeding (notching). Try sticky trap products on plant trunks to trap adult weevils. Manage root weevils with beneficial nematodes (if soil temperature is above 55 degrees Fahrenheit). If root weevils are a consistent problem, consider removing plants and [choosing resistant varieties](#) (PDF).
- 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, and presence of tiny mites. Wash infested areas with water or spray with appropriate pesticides.
- **East of the Cascades:** If necessary, spray for corn earworm as silking begins. Protect bees from spray.
- Continue monitoring raspberry, blackberry, blueberry, cherry and other plants that produce soft fruits and berries for Spotted Wing Drosophila (SWD). If SWD are present, use an integrated and least toxic approach to manage the pests. Learn [how to monitor for SWD flies and larval](#) infestations in fruit.
- Check leafy vegetables for caterpillars. Pick off caterpillars as they appear. Use Bt-k, if necessary.







July-August 2014 Clackamas County Master Gardener Association™  
in Cooperation with OSU Extension Service Master Gardener™ Program

# CLACKAMAS COUNTY CHATTER

## July Chapter Outing

Monday, July 14, 2014

Garden Tour of Vern Nelson's Edible Garden, 4 p.m. to 7p.m.

*\*Fruit, cookies and water will be provided by the chapter.*

Vern Nelson is the owner of A New Leaf Kitchen Garden Design company and garden columnist for the Oregonian. He does scientific botanical watercolor illustrations and is a horticultural photographer. Vern is working on a book that will be a guide to kitchen gardening in the Northwest. *Directions and other details will be emailed prior to the event.*



## OMGA Gardeners Mini College

July 11, 12, 13, 2013

Oregon State University in Corvallis, Oregon.

The Oregon State Master Gardeners Association invites you to attend the 31st Annual Gardeners Mini College. This conference includes sessions that qualify for annual Master Gardener recertification, leadership classes and the annual awards for our statewide Master Gardener program. *Get all the info on the Mini College webpage:* <http://extension.oregonstate.edu/mg/minicollege>

## Annual Chapter Picnic Monday, August 11, 2014 6 p.m.

Milwaukie Center Picnic Shelter

Milwaukie Center, 5440 SE Kellogg Creek Dr., Milwaukie

Join us for our Annual Chapter Picnic. It's a great time to celebrate our successes, enjoy the friendship of our fellow Master Gardeners, and just relax. Please bring a side dish, salad or dessert to share and your own plate/utensils. We will provide the grilled goodies! *Family and friends are also welcome. Watch your email for more details about this event as the time approaches.*



## 2014 Open Gardens

Gardening season is in full swing. Take a look at all the gardens that will be open this year, listed on the webpage:

<http://cmastergardeners.org/OpenGardens.htm>



*Watch your inbox for updated emails and details about the gardens as their open date approaches.*

## Upcoming Programs

- **September 8** - Wildlife Viewing Opportunities along the Oregon Coast. *Roy W. Lowe*
- **October 13** - The Art of Bonsai. *Scott Elser*
- **November 10** - Weather and Gardening. *Rod Hill*
- **December 8** - Designing & Equipping the Home Greenhouse. *Rick Warner*

## Chapter Events

- **October 11** - Fall into Gardening
- **October 13** - Plant & Seed Swap at Chapter Meeting

President • Terry Crandell: 971.219.0958

Vice President • Dee Linde: 503.266.5927

Secretary • Barbara Markwell: 503.632.3374

Advisory Board • Sharon Andrews: 503.577.7493

OMGA Rep • Seamus Ramirez: 503.819.5852

Treasurer • Seamus Ramirez: 503.819.5852

Advisory Board • Rob Folse : 503.682.5835

OMGA Alt. Rep • Rob Folse : 503.682.5835

Assist. Treasurer • Paul Baker: 503.654.5893

Advisory Board • Will Hughes: 503.887.9380

Newsletter • S. Andrews & Frank Wille

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

**July/August 2014**

**Speaker Series**

**'In the Garden'**

6801 SE 60th Avenue

*Tuesday, July 8th, 7pm*

Speaker: Jeanne Brandt,  
OSU Extension,  
*'Preserving Tomatoes and  
the Laws of Salsa'*

Next month...

*Tuesday, August 12th, 7pm*

Speaker: Evie Hausman,  
Master Gardener, *'The  
Cutting Edge—  
bountiful bouquets and  
arrangements from plants  
grown in your own yard!'*

*Coming in September:*

*Harvest to Table*, with  
Katherine Deumling, *'Cook  
With What You Have'*.

Inspiration in the kitchen for  
delicious, nutritious meals  
using our garden bounty.

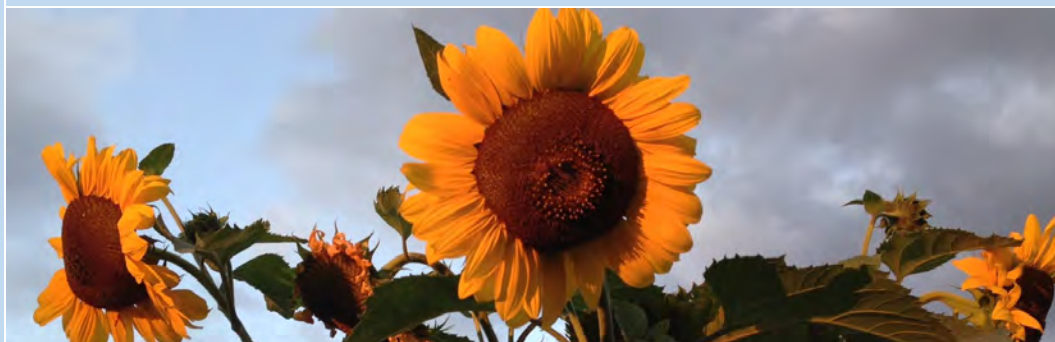
**Tuesday September 10, 7pm**

**Mt. Tabor Presbyterian  
Church, 5441 SE Belmont**



# Multnomah County Grapevine

In cooperation with the OSU Extension Service Master Gardener Program



**Summer Series 'In the Garden'**

## *Preserving Tomatoes and 'The Laws of Salsa'*

Our 'Speaker Series' goes into the garden for the summer, as we gather at our Community Demonstration Garden (6801 SE 60th Avenue, Portland) for **'Preserving Tomatoes and the Laws of Salsa'**. On **Tuesday, July 8th at 7:00pm**, learn how to safely preserve tomatoes and tomato products, including *"The Laws of Salsa"*.

Join **Jeanne Brandt**, OSU Extension Family and Community Health faculty, and OSU Master Food Preservers, as they tell us how-to preserve your crop of tomatoes for year-round enjoyment. We will review current, safe methods and recommended resources for tomato preservation, including tips on preservation options for your green tomatoes.

Come early to see all that is growing in the Multnomah Chapter's Community Demonstration Garden. You will also be able to tour the rest of the Learning Gardens Laboratory property, including the Lane Family Garden plots, Portland State University gardens, the Beginning Urban Farmer Apprenticeship Program's grand undertakings and the Portland Fruit Tree Project orchards.



## **Our 'Speaker Series' continues In the Garden**

(Community Demonstration Garden, 6801 SE 60th Avenue, Portland), **Tuesday, August 12th, 7:00pm**, as fellow **Master Gardener, Evie Hausman**, presents *"The Cutting Edge—bountiful bouquets and arrangements from plants grown in your own yard!"*

Evie shows us you don't have to have a separate cutting garden to make bouquets and flower arrangements. There are so many plants in your garden with flowers and foliage that can be useful. Evie will discuss shrubs, perennials, annuals and bulbs to grow, cutting them, how to condition them to last longer, and some basic arranging techniques that anyone can use. Evie has been playing with flowers most of her life, both in Ohio and in England where she lived for a few years, gardening and taking flower arranging classes. Returning to Ohio, she became active as a volunteer at Inniswood Metro Garden in Westerville, Ohio, teaching floral design and décor. After moving to Portland 4 years ago, Evie is having even more fun in this garden paradise.

**Chapter Website**—[www.metromastergardeners.org/multnomah/](http://www.metromastergardeners.org/multnomah/)

**Chapter Email**—[multmastergardeners@gmail.com](mailto:multmastergardeners@gmail.com)

**Grapevine Editor**—Lorna Schilling (503)334-5162, [lornaschilling@yahoo.com](mailto:lornaschilling@yahoo.com)





# Washington County Chapter Chat

Good Dirt for the Master Gardeners of Washington County, Oregon

July/AUGUST

## CHAPTER MEETING & PROGRAM:

**NO MEETING UNTIL SEPTEMBER 2**

**POTLUCK PICNIC SATURDAY  
JULY 19 3.00-6.00**

We eat at 3.30 SHARP!

Jane and Dick Miller's home:  
**17745 SW Cooper Mt. Lane,  
Beaverton 97007  
503 590 3598**

**PLEASE BRING A MAIN DISH,  
SALAD OR DESSERT TO SHARE  
(to serve 12)**

Bring your family to the 12<sup>th</sup> Annual  
Washington County Master  
Gardeners' Potluck Picnic.

Relax with fellow MGs. No clinic! No  
phones!

This major Chapter event offers

**BEER, BRATWURST, and  
BLUEGRASS !**

**Tour the fabulous gardens, win a  
door prize, and enjoy music by the  
Rose City Bluegrass Band**

## COMING UP:

Fair-Plex Demo Garden **TUES 9-12**  
**VOLUNTEERS NEEDED for THE FAIR**  
July 24-27 Sign up on Cervis. Earn  
**PRIMARY HOURS.**

Jenkins Estate Learning Garden **THURS.**  
**10- 1.** Orientation for first timers. Bring gloves!  
<http://jenkinslearninggarden.blogspot.com/>

## IN THE GARDEN SERIES

**DG Demo Garden, LG Learning Garden**

(Above approved for **VET MG RECERT TRAINING**)

**SEE WEBSITE FOR DETAILS**

[www.metromastergardeners.org/washington](http://www.metromastergardeners.org/washington)

**July 10 (THURS 10.00) Introducing Edibles  
into your Ornamental Landscape** Learn how to  
grow produce together with perennials, shrubs  
and trees with Sue Ryburn. LG

**July 19 (SAT 10.00) Native Plants of the Lewis  
and Clark Trail.** Walk the Natives Path with Leslie  
Hutchinson, and discover what the explorers  
found so valuable about Pacific NW native plants,  
and how to grow them in your garden.

## Recognition

The Plant Sale Crew for months of work  
and a magnificent result: Jane Miller,  
Cindy Muir, Judy Dietzman, Mary Lidberg,  
Daisy Parquet, Bobbie Burke, Joann  
Caruthers, Lynn Cox, Sylvia Cruccio;a,  
Joanne DeHaan, Rose Marie Hibbs,  
Jackie Keil, Karen Kirby, Kathy  
Leendertzse, Janine Rychlik, Ardis  
Schroder, Stephanie Scott, Anna Stubbs

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July 2014  
MASTER GARDENER™ NEWSLETTER



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