



# Douglas County Master Gardeners



December 2009

Volume 24, Number 12

## YOUR PRESIDENT'S COLUMN

Well the holidays are upon us and I hope you all had a wonderful Thanksgiving.

I want to say a thank you to Yvonne Henderson and



her crew. What a wonderful job, well done bake sale. Thanks also to all of you who contributed baked goods. A record number of items, and a great profit for our treasury. We do a great job when we all work together.

I have been thinking that I would like to tell you something about myself, as I have not gotten to know many of you as yet. Besides my commitment to Master Gardeners I have several other important interests.

My second great interest is an organization, Epsilon Sigma Alpha International, of which I have been a member since 1983. I have just spent two years on the International Executive Board. We are a philanthropic, educational, and fun group which raises over \$10 million yearly for St. Jude Children's hospital, \$500,000 for Easter Seals, over 200 scholarships for college students and many more millions of dollars for local communities. I am very proud of my

involvement with all our projects here in Oregon and Douglas County.

My next interest in order is quilting. I know I share this hobby with several other master gardeners and you all know we never find enough time for our quilting projects.

My family has raised Tennessee Walking Horses since 1971 and I have seven on my place now. Hopefully my son will finish his barn and fencing soon, and I will have a few less. They are wonderful animals, but demand much time.

Finally I spent over 30 years teaching mathematics and still enjoy numbers. I do a Sudoku puzzle every morning. In the next two issues I am going to share some neat mathematics with all of you. I know it is not gardening, but we all need other interests during these dreary winter months, so here goes.

Try these mathematical patterns.

Beauty of Mathematics!!!!!!

$$\begin{aligned} 1 \times 8 + 1 &= 9 \\ 12 \times 8 + 2 &= 98 \\ 123 \times 8 + 3 &= 987 \\ 1234 \times 8 + 4 &= \text{any} \end{aligned}$$

guesses here

$$12345 \times 8 + 5 = \text{bet}$$

*(Continued on page 3)*



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### OUR MISSION

- EDUCATE HOME GARDENERS IN THE DOUGLAS COUNTY AREA WITH THE MOST PRACTICAL AND SAFE HOME
- HORTICULTURAL PRACTICES BASED ON A PROGRAM OF KNOWLEDGE UPDATE AND REGENERATION, AND,
- CREATE AN ATMOSPHERE OF ENJOYMENT FOR ALL

## Agent's Report by Steve Renquist

### Spotted Wing Drosophila Challenge

Living in Western Oregon for gardeners is a delight because of the large number of fruit crops we can grow. Our mild winters, and long sunny dry summers make an ideal climate for fruit crops that can often be damaged by fungi or other pests. Unfortunately a new insect pest has been discovered in California, Oregon, and Washington that has the potential to be a real disaster for most soft fruits.

In the summer of 2009 growers started to notice a small vinegar fly damaging fruit while still developing on trees, bushes, and vines. In the past, any Drosophila fruit flies common to our states were found around ripe fruit that had been picked. The new invader, Spotted Wing Drosophila (*Drosophila suzukii*), was found drilling into developing fruit on plants to lay their eggs. The significance of this finding is huge. In Oregon, fruit and berry crops begin to mature in May and don't stop until the end of summer. Blueberries, strawberries, raspberries, and blackberries are all potential host crops. So are soft tree fruit crops like cherries, peaches, plums, and figs.

In California last year about 30% of the cherry crop was lost from Davis to Modesto. In the Willamette Valley of Oregon some peach orchards lost up to 80% of their crop. Blueberry crops in the Willamette Valley were also spot checked and a number of berry farms had infestations up to 20% of their whole crop. There were samples of wine grapes taken in the Willamette Valley this fall that were also infested.

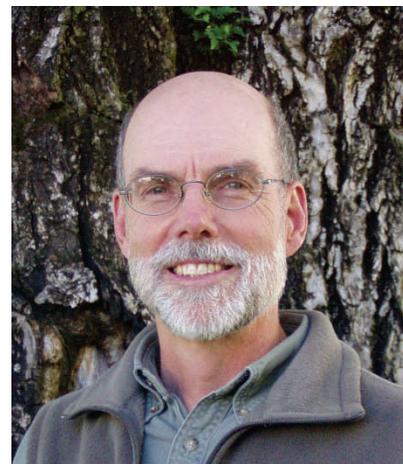
So what does that mean for home gardeners and for the Master Gardeners? It means those of us working in the plant clinic will need to be prepared for potentially a lot of questions and disappointed home fruit producers. Not a lot is known yet about this pest but a few things can be shared with others. This pest is native to Southeast Asia. They are closely related to vinegar flies and can reproduce up to 13 times in a season. With widely available food supplies and a mild climate this pest can spread rapidly each year from wild blackberry even if gardeners and farmers apply controls. The life cycle of these Drosophila flies is to lay eggs in early summer in soft fruits, the eggs hatch into larvae (maggots) that are creamy colored with no distinct head that look like western cherry fruit fly larvae only about half their size. To prevent a large loss with next year's crop you should inspect fruit on plants during most of the growing season. Look for small puncture wounds that may have some secondary decay growing on them. That will be the key to leading us to finding the cream colored maggots.

Using pesticides will probably be a necessity but do it within the bounds of a good IPM program. We will want to know the pest first, what they look like, when they will be around etc. We will want to use good cultural practices. Don't leave any infested fruit around plants or still in trees. Then we will want to set out some traps to monitor for adults before they start laying eggs. As with most vinegar flies this one will probably respond best to a liquid made of 1 packet of brewers yeast, 4 teaspoons of sugar, and 12 ounces of water. Put it in a plastic bottle with holes punched in the top large enough for them to enter. Hang the bottle in your tree or on a post next to your berry bushes. Making a smoothie from banana and strawberry to put in a bottle for trapping will also work.

If you start trapping some flies next year, bring them in to the plant clinic and we can look at them under our dissecting scope to identify. The male flies have distinctive spots on their wings that will help us identify them. If we get active populations of the Spotted Wing Drosophila next year we will need to report them to OSU and the ODA. We will also want to control them by using effective products. Presently the products that will probably work best Spinosad and Delegate. They are registered for use on berry and tree fruit crops. There is a registered bait product called GF-120 that is a sticky substance laced with Spinosad that can be sprayed into the canopy of our crop plants. Sevin, and Malathion are also registered for home fruit crops and will probably be effective controls but tend to be a little harder on beneficial insects.

Let's plan ahead for a productive year in our gardens and in the clinic by being prepared for our new invader.

Steve



## President's Message continued from page 1

you can do this one without doing the math

$$\begin{aligned}123456 \times 8 + 6 &= \\ \text{got the pattern yet?} \\ 1234567 \times 8 + 7 &= ?? \\ 12345678 \times 8 + 8 &= ??? \\ 123456789 \times 8 + 9 &= ????\end{aligned}$$

Interesting isn't it.

I always wonder about the minds that come up with this kind of stuff.

Here is another pattern. Try this one.

$$\begin{aligned}1 \times 9 + 2 &= 11 \\ 12 \times 9 + 3 &= \text{do the math} \\ 123 \times 9 + 4 &= \text{got the pattern ?} \\ 1234 \times 9 + 5 &= ? \\ 12345 \times 9 + 6 &= ?? \\ 123456 \times 9 + 7 &= ??? \\ 1234567 \times 9 + 8 &= ???? \\ 12345678 \times 9 + 9 &= ?????? \\ 123456789 \times 9 + 10 &= ??????\end{aligned}$$

Yet another pattern to investigate.

$$\begin{aligned}9 \times 9 + 7 &= 88 \\ 98 \times 9 + 6 &= \text{do the math} \\ 987 \times 9 + 5 &= \text{got the pattern ?} \\ 9876 \times 9 + 4 &= ? \\ 98765 \times 9 + 3 &= ?? \\ 987654 \times 9 + 2 &= ??? \\ 9876543 \times 9 + 1 &= ???? \\ 98765432 \times 9 + 0 &= ?????\end{aligned}$$

Brilliant, isn't it?

$$\begin{aligned}1 \times 1 &= 1 \\ 11 \times 11 &= 121 \\ 111 \times 111 &= \text{do the math} \\ 1111 \times 1111 &= \text{got the pattern?} \\ 11111 \times 11111 &= ??? \\ 111111 \times 111111 &= ??? \\ 1111111 \times 1111111 &= ??? \\ 11111111 \times 11111111 &= ??? \\ 111111111 \times 111111111 &= ???\end{aligned}$$

Wonderful symmetry isn't it. A number which reads the same front or back is called a palindromic number. Mind Boggling...

Well enough mathematics for now. I have a bit more for February and I think you will find it as interesting. As I use to teach my geometry students, mathematics is everywhere in nature. The Fibonacci Series and the Golden Ratio make our world a very pleasing place.

Have a wonderful Christmas Holiday.

Judy Huntley  
President

## Master Gardener News



Master Gardener of the Year—Larry Sutton



Behind the Scenes MG of the Year—Linda Thames



MG New Apprentice(s) of the Year—  
Barbara and Dale Robinson

## Master Gardener News

### HALLMARK

As announced at the Oct. meeting by Julie Stanbery, long-time former MG, Clinton Atherton had been in the hospital. He seemed most pleased with the card I sent from all of us. He is now in rehab at Rose Haven and I'm certain would love hearing from those of us who remember him.

Alice Smith's husband, Fred was in the hospital but I understand is now home.

I sent a thank you to Philece's husband, Howard Humphrey for creating those beautiful and imaginative bird feeders in the shape of bird houses that were the breathtaking center pieces on each table at the awards Banquet. Philece and committee did an outstanding job decorating. I actually saw many people, as they entered, have their breath taken away by the beauty of the decor.

If you know of anyone who would be cheered up by receiving a card from the MGs, pls. let me know.

Linda Thames, Hallmark  
541-673-3978  
linbill2@charter.net



My own PS about the bake sale.... Yvonne Henderson did an outstanding job heading the Sale. Personal special thanks to Cindy Rich, Steve Renquist, Carolyn Register and Rusdee Chastaine for giving us fruit to make pies out of for the bake sale. Barb & Gale Robinson made at least 14 pies, as did I, as well as other baked goodies. The selection of gorgeous items donated by SO MANY MGs was beyond expectation.

Thanks to all! Although COLD, it was so much fun with wonderful participation. It's very much appreciated!

Linda

### Potluck for New Class of 2010

The first day of class for 2010 will be on Jan. 5th 2010. Veterans, please come and welcome the incoming class. Let's all put on a smile and get ready for the big incoming Potluck. Yep it's that time again. We need all Veterans to bring a dish for the potluck. We also need a few to bring cookies. Those coming in the morning please bring a dozen or so cookies for our morning and afternoon breaks. (Those bringing cookies will also need to bring a dish for the potluck)

If you bring food early in the morning and it needs refrigeration or heat, please bring these dishes downstairs to the kitchen. Please have instructions taped to top of your dish so that we can do the preparations before taking them to the lobby. If they do not need to be refrigerated or heated, please bring these dishes to the upstairs lobby. Place settings, beverages and chicken will be provided.

I will need a few people to help set-up and take-down the potluck. Please let me know if you will be available to help.

I also need someone to help me set-up the coffee, tea, goodies and such for the weekly classes. This is a pay back position. Set-up is about 8:00 am and take down is after the last break. If you are interested or have any questions please contact me.

Thanks,  
Lorena

541-863-4860 541-430-3499 Lorsrem@cmspan.net  
rennabelle1@yahoo.com

### Our Cookbook *NEEDS* Recipes!

The MG/MFP Cookbook goal is 500 recipes. Please submit any favorite recipe.

It or they do not need to be original, just give the author credit. Put your recipe on the form and put it in the **RECIPES** box in the Plant Clinic. Hurry...

Deadline is February 1st.

## Master Gardener News

Howdy Fellow Gardeners,

Hope everyone is recovering from Thanksgiving dinner and working off that pumpkin pie in their gardens (or the Discovery garden) to prepare to again indulge at the end of the month.

Those of you who were unable to attend the Continuing Education before the November Chapter Meeting missed a great presentation from Dale Doeding of The Rock Yard. He spoke on using stone in the hardscaping of your yard and brought samples of different stones and talked about their use, comparisons, durability and maintenance.

There will be no Chapter Meeting in December, but I hope to see all of you in January when Lee Deveraux a past docent for Huntington Gardens will speak. Hunting Gardens in Southern California covers 120 acres with more than a dozen specialized gardens. Lee will discuss the Gardens and her time as a docent there.

You can check out Huntington Gardens at [www.huntington.org](http://www.huntington.org) and view the different gardens. They are truly spectacular. My favorite is the Desert Garden, no wait I think I like the Japanese garden better, well maybe it's the Jungle Garden or it could be the Lily Ponds. With over 14,000 different varieties of plants it's hard to choose.

Happy Holidays!!!

Liz Zamba



## Bake Sale at Sherm's Thunderbird Market Saturday, November 21



The meeting was called to order by President **Judy Huntley**, at 10:04 AM. Approximately 48 members were in attendance.

President, **Judy Huntley** asked if there were any changes to the Agenda. There were none.

**Agent Report: Steve Renquist** said he would like to have a meeting with those members who are interested in the curriculum for the Spring Into Gardening conference. He set it for December 7<sup>th</sup> at 9:00AM in the Annex kitchen. The Tuesday Registration Day went well with even 2 or 3 people who arrived to pay who were not on the list and they had to be placed on the waiting list. Some were a bit upset about not getting into the class immediately. The interest form that the new class members filled out showed that most are interested in Food Crops. Since the new class has 10 hours of payback to do in the HLC the interest list asked which part(s) of the HLC were they most interested in and many were interested in the raised beds. The interest seemed to be generally even in the rest of the areas. **John Punches** asked **Steve Renquist** to see that the top storage area be cleaned out as an electrician need access to the wiring. **Steve Renquist** moved things to another area and said MGs need to be aware of the change and also maybe find another spot to store big items like the yellow barn at the HLC. Later in the meeting **Steve Renquist** added to his report that he went to an OSU Horticulture meeting where he found out about a new pest possibly in our area named the spotted maggot. It is different in size than the cherry maggot. The new pest has been known to devastate some California cherry crops.

### Officer Reports

**Membership: Mik Carlson** reported that there were 276 paid members. Membership dues are due before January 2010.

**OMGA Representative: Carolyn Register** went to the Executive Board meeting on November 7<sup>th</sup> where the 2010 Mini-College budget was discussed and election of officers took place. The board is asking for Mini-College location suggestions as Bloss Hall is being renovated at that time. Present suggestions are Weatherford Hall or Market Place West. They think these locations may be too far to walk for some participants. Mini-College is July 27-29, 2010. There is a need for Mini-College helpers. The theme is not selected as yet. **Tam Martin** was elected President of OMGA and one of her goals is to visit each Chapter to discuss training. OMGA needs hosts for Board meetings and they are also having an OMGA Logo contest. They also discussed the importance of Gail Langellato's position and the OMGA Endowment.

**Treasurer: Karolyn Riecks** reported that the Overall Total funds are \$22,732.00. The \$106 Expenses were Plant Sale. The Newsletter will have the latest budget information.

**Vice President: Liz Zamba** said that Continuing Education at the January General meeting will be presented by Lee Devereaux about the Huntington Botanical Gardens in California. She was a docent there.

**President: Judy Huntley** thanked **Betty Ison and Philece Humphrey** for putting on a great Awards Banquet. She also thanked **Kathy Shayler, Julie Stanbery, Charlotte Herbert and Rebecca Drew** for preparing the main course. She also reported that two members are sharing the Webmaster position: **Mary Hoffmann** will handle the general website with a new email, [this content deleted for privacy], and **Pat Galloway** will handle Discovery Garden information. We have a new "Fun Trip" coordinator, **Caroline Link**. Please contact Caroline about trips you would like our group to take.

### Committee Reports

**Community Outreach: Leo Grass** said there was a lady setting up Youth Camps for the summer, the center point being Organic Gardening, which will give us opportunities for community outreach soon. The home Show is March 5-7, 2010 and our booth theme should be, "Soil, Good Foundation for Your Garden". A person in Elkton wants to know how to prune blueberries, so **Roger Sawyer** will handle it. **Elaine Moriarty and Karolyn Riecks** gave a presentation to Beta Sigma Phi on poinsettias.

**Plant Clinic/Farmers' Markets: Judy Mercer** reported that the Plant Clinic calendar is full for December. There will be a Diagnostics Group meeting December 16<sup>th</sup>. at 10:00AM in the Annex kitchen.

**Awards: Betty Ison** handed out all the 60-hour swinger bars at the Awards Banquet.

Continued on next page

She has a few certificates to give members who did not attend the banquet. She introduced the major awards winners: MG of the Year, **Larry Sutton**; Behind the Scenes MG of the Year, **Linda Thames**; MG New Apprentice(s) of the Year, **Barbara and Dale Robinson**; Agent's Award, **Geneva Croft**.

**Hallmark:** **Linda Thames** has sent out many cards.

### **Old Business**

**Newsletter:** **Roger Sawyer** said the deadline for articles for the November Newsletter is Saturday, November 28<sup>th</sup> at 12:00 noon. The Committee /Officers reports for the January Newsletter, which goes to the new class, deadline is December 15<sup>th</sup>. **Ted Benice** said if you have a photo to go with your article, please send it too.

**Time Keeping System Online:** Hours as a mentor are recorded as Community Outreach. **Judy Huntley** said after the first of the year we will form a group to translate our hour categories into OMGA On Line reporting hours. This will make On Line hours reporting easier.

**Fall Bake Sale:** **Yvonne Henderson** reported that over 30 people signed up to help with the sale. It will be Saturday, November 21<sup>st</sup> at Sherm's Market, 9AM to 2PM. Bake Sale items brought in today are on the table in the foyer.

### **New Business**

**Budget:** **Philece Humphrey** said more recipes are needed before the deadline of February 1, 2010. The recipes DO NOT have to be original, just give credit to the source if not original. There will be no expenses as the cookbook company does not require payment until books have been sold so no budget item is necessary. The cookbook profits will be split 50/50 with the Master Food Preservers.

The proposed Budget was posted in the October Newsletter for all to read. There was a motion by **Betty Ison** and seconded by **Judy Mercer** to accept the budget as written. The question was called and there was no discussion. The motion was passed.

**Trash to Treasure sale:** **Judy Huntley** said the sale will be held in the Annex on March 20, 2010 with setup on March 19<sup>th</sup>. **Cindy Rich** said that MGs should start saving good, used items for the sale. No clothing or magazines will be accepted.

**Tastings:** **Bob Brindley** thanked everyone for participating in the Tomato Taste-off and the Salsa Taste-off. Anyone having a new "taste-off" idea should contact him. One suggestion was BBQ sauce.

**Mary VanAssche** told about ordering tropical plants from a Florida nursery and after segregating the plants she found a suspicious wasp on the dirt. She found out that the queen was in the dirt and the wasp was new to this area. She warned everyone to "dig deeper" when strange insects appear on plants.

### **Announcements**

Fall Bake Sale – November 21<sup>st</sup>. at Sherm's Market, 9-2PM.

Newsletter Articles for January due December 15<sup>th</sup>. All Officers and committee chairs are to contribute an article.

2010 Dues – January 1<sup>st</sup> to Mik Carlson

January 5<sup>th</sup> - New Class begins. Potluck provided by MGs.

### **Show and Tell**

**Roger Sawyer** brought tarpaper to hand out. He told his story of catching slugs with tarpaper and his recipe of a potion to kill the slugs in.

The meeting was adjourned at 11:30 AM

Respectfully submitted:

**Maureen Benice** - Secretary



# Plant Clinic Calendar

## December 2009

Plant Clinic Coordinator: Judy Mercer 672-4338  
 Alternates: Susie Robbins 957-8962  
 Robin Thompson 673-8741

OSU MG PLANT CLINIC SCHEDULE					KRUSES	FARMERS MKT
Mon	Tue	Wed	Thu	Fri	Sat	Sat
	1	2	3	4	5	5
7 Judy Mercer Larry Sutton Yvonne Henderson Susie Robbins	8	9	10	11	12	12
14 Judy Mercer Lauren Campbell Yvonne Henderson Kathy Mitchell	15	16	17	18	19	19
21 Judy Mercer Susie Robbins Yvonne Henderson Kathy Mitchell	22	23	24	25	26	26
28 Judy Mercer Susie Robbins Yvonne Henderson Kathy Mitchell	29	30	31			

### NOTES FROM THE CLINIC

Happy Holiday Greetings to you all.

The Clinic will be open on Mondays only this month. I am happy to report that all of the volunteer slots are filled for this month.

We will be working on compiling the statics for the year. This information will allow us to clearly see our areas of strength and weakness so we can make adjustments in our training process for the new class and also for some of us old dogs .

We will be having another diagnostics class on December 16<sup>th</sup>. At 10:00 AM in the Annex Kitchen. I would encourage all clinic volunteers to be there.

I want to thank all of you that have worked our clinics this year. We provide an invaluable service to our community.

Alternates for the month of December :

Susie Robbins

Robyn Thompson

## **Treasurer's Report** **As of 11/28/2009**

### **Account Balances**

CD - Reserves - \$4,234.59  
Checking - \$4,636.48  
Money Market - \$15,293.27  
Reserves - \$300.00  
Bulk Mail - \$131.61

**Total \$24,595.95**



Income for the month was \$1,275.50 with \$1,154.00 of it coming from the Bake Sale. Expenses for the month were \$2,023.71 with \$542.12 for the Awards Banquet and \$769.95 for HLC Propane accounting for a large portion of the expenses.

Karolyn Riecks, Treasurer



( Cut here )

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**Check No.** \_\_\_\_\_

**Date** \_\_\_\_\_

### **Douglas County Master Gardener 2010 Dues**

***(Due Before 01/01/2010)***

**NAME** \_\_\_\_\_

**ADDRESS** \_\_\_\_\_

**E-MAIL** \_\_\_\_\_

**PHONE** \_\_\_\_\_

The 2010 dues are \$10.00 for an individual or \$15.00 for a couple.

Checks should be written to DCMG. Mail this completed form along with your check to:

Mik Carlson, 1381 San Souci Drive, Roseburg, Oregon 97471 or drop your payment in the plant clinic's dues box.

**Douglas County  
Master Gardeners  
Newsletter**

1134 SE Douglas Ave.  
Roseburg OR 97470  
541 672 4461  
1 800 883 7568

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Executive meetings: second Wednesday, 9am, kitchen conference room; Chapter meetings: last Thursday, Jan thru May: 10am, annex auditorium; June, July, August: member's gardens, 10am; Sept:Pavilion, Discovery Garden, 10am; Oct, Nov: 10am, annex auditorium; (no December meetings)

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Douglas County Master Gardeners of  
OSU Extension Service

Important internet links:

Website: <http://extension.oregonstate.edu/douglas/mg>

Discovery Garden: <http://extension.oregonstate.edu/douglas/discovery-garden>

MG Plant Clinic Email: [douglasmg@oregonstate.edu](mailto:douglasmg@oregonstate.edu)

Steve Renquist Email: [steve.renquist@oregonstate.edu](mailto:steve.renquist@oregonstate.edu)

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Articles for the January 2010  
Newsletter are due Noon  
Tuesday, December 15  
Please email articles to  
Ted Benice  
([tbenice@douglasfast.net](mailto:tbenice@douglasfast.net))

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Douglas County Master Gardeners  
PO BOX 1165  
Roseburg OR 97470  
PH: 672 4461