



Metro Master Gardener™ Newsletter

November 2013

OSU Extension Service

Metro Master Gardener™ Program

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

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

Mission Statement

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

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

www.oregonmetro.gov/garden

Program Staff

Weston Miller- Horticulture Faculty

weston.miller@oregonstate.edu

(503) 650-3124

Pukhraj Deol- Horticulture Instructor

Pukhraj.deol@oregonstate.edu

(503)821-1124

Jordis Yost- Program Coordinator

jordis.yost@oregonstate.edu

(503) 650-3118

Margaret Bayne-Admin. Program Specialist

margaret.bayne@oregonstate.edu

(503) 650-3126

Newsletter Volunteers

Jean Bremer- Editor

jean.bremer@oregonstate.edu

Heidi Nichols- Proof Reader

heidinichols@comcast.net

Mailing Address

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



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OPPORTUNITIES FROM JORDIS

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

FALL SEASON for MGs



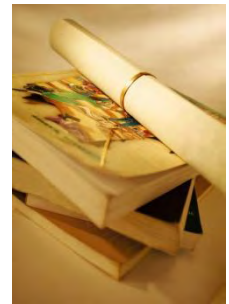
Fall is such a beautiful *and* busy time of year. We are collecting hours, creating certificates and badges, as well as accepting applications for the upcoming winter classes. Farmers' markets are now wrapping up and we are looking forward to the garden shows this winter.

What's next for MGs? The next big event is Recertification day on November 9 at Clackamas Community College (see attached schedule). We will have certificates for veterans and badges for 2013 Interns. We also feature speakers and lots of connection opportunities.

We have included the winter MG class schedule later in this issue. It's possible that there could be minor adjustments, but we look forward to another great year of new trainees and lively conversations. All classes (except the first day) count toward recertification credit. Trainees from 2013 are welcome even though they are not required to do recertification hours until next year. For MGs trained before 2013, the goal is to accumulate 12 hours of credit before the 2014 gardening season.

CERTIFICATES and BADGES

For those that turned in hours and checked the 'YES I-would-like-a-certificate' box on the volunteer reporting form, the certificates will be available November 9 at Recertification training. We will also have badges and a certificate for the 2013 trainees that completed their hours! Come to Clackamas Community College, Gregory Forum Building on Saturday, November 9, starting at 8:00 am. We will have the certificates starting at morning break. See Nov.9 Recertification Day information on the following page.



CLASS COORDINATOR MEETING

Every Master Gardener remembers his or her first MG classroom experience. The initial welcome and positive tone are set by the class coordinators. This wonderful team of MGs is extremely valuable to the program, and we could not manage so many new trainees without their help.

Classes this year will be held on **Tuesdays in Beaverton** at the First Baptist Church on Erickson, **Thursdays in Oregon City** at the Museum of the Oregon Territory (211 Tumwater Dr. in Oregon City), and **Fridays in Portland** at the Multnomah County Building. on SE Grand and Hawthorne.

If you are interested in helping at any one of the three classroom sites, come to a meeting at the Clackamas County Extension office Annex on Wednesday, **December 4 from 9 am to noon**. We would also appreciate your help in assembling handbooks for the classes, ending at 4:30 pm. Contact Jordis if you have questions 503-650-3118 or jordis.yost@oregonstate.edu.

Upcoming Veteran Recertification Opportunities....

- **November 9, MG Recertification**, Clackamas Community College.
- **November 12, 7pm "Tree Health: Facts, Fiction and a Few Lies"**, Alan Kanaskie, Forest Pathologist, Certified Arborist, Oregon Department of Forestry (See Multnomah County Grapevine, Page 17)
- **November 12, "Washington County Demo Garden Seminar: Fall Rose Pruning"**, 9:30-10:30 am. Info: <http://www.metromastergardeners.org/washington/washevents.php>

Fall 2013

OSU Master Gardener™

Recertification Training

Saturday, November 9, 2013



When: 8:30 am to 3:30 pm (No pre-registration necessary).
Where: **Clackamas Community College**, Gregory Forum Bldg. (see map next page).
Who: All OSU Extension Master Gardeners™ in the Portland Metro Program.
Bring: Your lunch and finger-foods for the 'goodies' table. Coffee and tea provided by CCMG.

7:30 am Doors open. Registration and gathering.

8:30 am **Welcome and Introductions**

8:45am - 10:15am **Soil Testing and Interpretation of Results**

Weston Miller, Community and Urban Horticulturist

Soil testing is a valuable tool for gardeners to make informed management decisions, which is the foundation of a healthy garden and landscape. Learn how to take a soil test, what to test for, and how to interpret the results. This information will help you better serve clients interested in improving their soil!

10:30-Noon **Soil Science Concepts Interpreted for Master Gardeners**

Pukhraj Deol, Horticulture Instructor

This session will help master gardeners understand some key soil concepts related to 1) soil temperature and moisture and 2) properties of organic matter and clay components of the soil. She will also discuss how these concepts are applicable to various aspects of gardening including soil preparation, planting, watering and nutrient management, etc.

Noon - Lunch break Time to catch up with other MGs, pick up 2013 trainee badges and veteran certificates, look at books (etc.) for sale. **Introduce 2013 Trainees.**

1:00 - 2:15 pm - **Best Fruit Varieties for the Pacific NW - Trees, Shrubs, Vines, Berries**

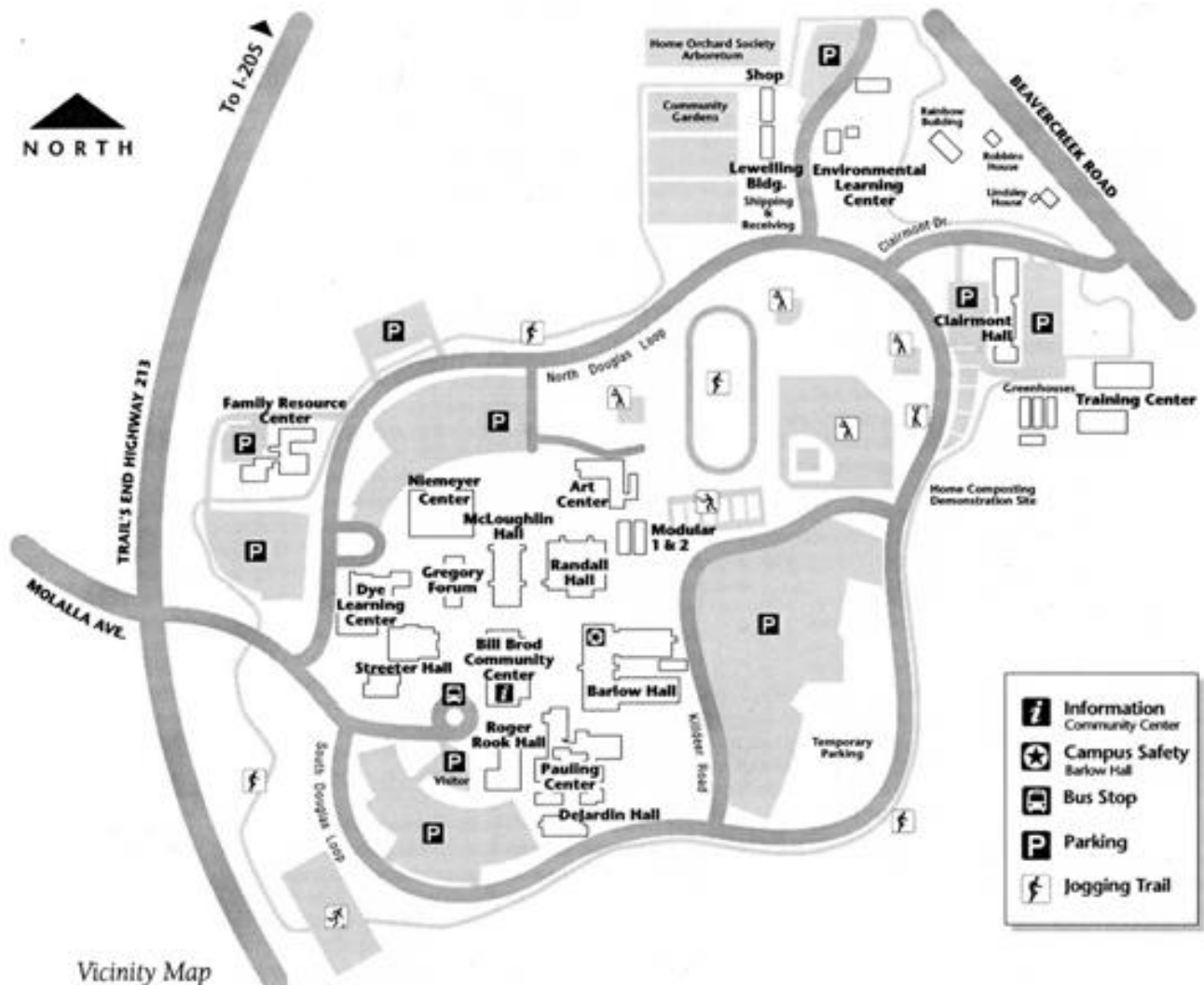
Monica Maggio, Fruit Growing Expert and Owner of Core Home Fruit Services

Here in the Pacific NW, we can grow many delicious types of fruits - apples, pears, figs, plums, persimmons, grapes, berries, and so much more! But some varieties of these fruiting plants produce a more abundant harvest and are less prone to pests/diseases than others. In this class you will get a list of the most successful fruit varieties for this region and learn why they are the best choice for your home garden. Join us to increase your knowledge and your harvest!

2:30 - 3:30 pm - Master Gardener program updates including:

• New OSU forms and procedures- Gail Langellotto - Confused by new OSU paperwork and procedures? Get clear information from OSU's statewide Master Gardener coordinator, Gail Langellotto.

• OSU/Metro partnership updates- Weston Miller and Carl Grimm - Learn important details regarding the OSU/Metro partnership to help you better serve the general public in 2014.



Clackamas
Community College
Campus Map

Clackamas Community College
19600 South Molalla Avenue
Oregon City, OR 97045-7998

CCC Harmony Campus
7616 S.E. Harmony Road
Milwaukie, OR 97222

CCC Wilsonville Campus
29353 Town Center Loop E
Wilsonville, OR 97070

To reach any college office, call 503-657-6958 and dial the extension you want. (Hearing-impaired TTY/TDD 503-650-6649)



Thank you to the following Master Gardeners who have turned in their 2013 volunteer logs sheets!*

(These lists are as of 10-23-13)

If you remember sending in your log sheet, but you don't see your name here, please let us know. I received hundreds of log sheets (yeah!) in just a few weeks and I apologize if I have accidentally missed yours!

Also, if you meant to send them in but it just slipped your mind, please send them in now, even just an email to me with an educated guess will do! We are extremely proud of what all of you do and want to be able to report all your great numbers to OSU! Log sheets are also available at www.metroastergardeners.org/downloads.

If you didn't turn in volunteer hours because you didn't have enough (25 for vets, 66 for interns) please turn in what you have anyway. We understand how life's challenges may have affected your ability to volunteer at all, but we still need to hear from you if you want to be able continue in 2014. (**A few of the following MGs may have not been able to volunteer this year because of personal issues but they have communicated this to us and will be able to continue with the program in 2014.*)

Please contact me at 503-650-3126 or Margaret.bayne@oregonstate.edu

Great job MGs!

Your continued dedication to the metro area Master Gardener program is very much appreciated.

Your tireless volunteer efforts keeps our MG program strong and makes a positive impact in our communities!

Veteran Master Gardeners

AALSETH	JEAN	BAKER	SHARON	BERRY	JANE ROFFEY
ABELLERA	MIRA	BALLANTYNE	MARGO	BERTI	MARILYN
ABPLANALP	MARY	BARBOUR	JANETTE	BILYEU	BARI
ACKER	BONNIE	BARFIELD	JANE	BLACKLIDGE	MARIE
ACKER	ROBERT	BARKER	BETTY	BLATNER	ANNE
ADAMS	PATRICK	BARNETT	SUSAN	BLEVINS	ALICIA PAIGE
ADAMS	LOUISE	BATTLES	JUDY	BLOCK	JONATHAN
ADAMS	CAROLYN	BAYNE	MARGARET	BLOCK	LILI
ALBERG	DOTTIE	BAYNES	GINNY	BONES	JO ANN
ALBRIGHT	SUSAN	BEASLEY	GAIL	BOOKOUT	FANNY
ALDRICH	KAREN	BECK	BARBARA	BORAWSKI	TARESSA
ALDRICH	PAMELA	BECKWITH	FLEUR	BORDEN	CHERYL
ALLEN	DIANE L.	BENDER	HAL	BOWDON	STARLA
ALMGREN	PHIL	BENNETT	GLORIA	BOWN	KIMBERLY
ALTIG	VELDA	BENNINGTON	WILLIAM	BRADY	PAT
ANDREWS	SHARON	BENSON	HERLENE	BRANDENBURGER	
ARKELL	KERRY	BENTLEY-MICHELOTTI			KAREN
BAERWALD	DAVID	JENNIFER		BRAYKO	YVONNE

Veteran Master Gardeners cont...

BRECKON	JAN	DAVIDEK	JUNE	FRENCH	MARY
BREIER	RENE	DAVIS	HERB	FRIESEN	RUBY
BREUNER	GREGORY	DAY	KAREN	FRIESEN	DEE
BROWNE	SALLY JO	DeHAAN	N. JOANNE	FRIESKE	MAGGIE
BRUNER	VICKIE	DePAOLI	SUSAN	FRILEY	MARILYNN
BRUNKHART	JULIE	DIERCKMAN	MONA	FROBES	PAT
BURDELL	SUSAN	DIXON	CAROLYN	FROEMKE	JUDY
BURGESS	RENEE	DOMANN-SCHOLZ		FULLERTON	CHERYL
BURKE	ROBERTA		KELSEY	GARFIELD	LEE
BURNETT	SUZANNE	DOMMEYER	CARL	GARTNER	KATHARINE
BURRELL	BECKY	DORBOLO	HELEN	GAYDON	DIANA
BYBEE	MICHAEL	DOUGAN	JACKI	GIBSON	CATHY
CALMAN	JUDITH	DOUGLAS	CHERYLE	GIBSON	KATHY
CAMPBELL	SUSAN	DREWS	DOROTHY	GILLELAND	JOHN
CAMPBELL	SALLY	DREYER	KRISTIN	GLANTZ	SANDRA
CARDINALLI	KATHI		KADEN	GLASS	MARY
CARLEY	SUSAN	DUELGTEN	ROBERT	GLEASON	SHA
CARLEY	MARGARET	DUELGTEN	ANN	GONCE	TERI
	MURPHY	DUGGAN	JOBY	GOODALL	CARAN
CARR	LINDA	DUNE	JUSTIN	GRAHAM	KAREN
	KATHLEEN	DUNN	DAPHNE	GRASVIK	CAROL
CARROLL	BOB	DUNNIGAN	MYRNA	GRAY	DIANA
CARROLL	CANDY	EDGELL	DONNA	GRAY	SHARON D.R.
CARUTHERS	JOANN	EDMISON	JEAN	GREEN	J. RIMA
CASSIDY	PATTY	EDWARDS	CAROL	GREENING	TONI
CEDAR	JANE	EK	NANCY	GREER	WILLIAM
CHAMBERLAIN		ERICKSON	JEAN	GREER	SALLY
	SUSAN	EVANS-BAXTER		GROELLE	PHYLLIS
CHINICK	CANDACE		DIANA	GUILD-WAX	ROBERTA
CHRISTENSEN	JANNA	EVERHART	GREGG	GULLION	CHRISTINA
CHRISTESON	LINDA	EYER	LAURA	HAINES	GINNY
CHRONINGER	KATHLEEN	FABBIANO	TONI	HALE	JUDY
CLEVEN	DIANE	FALCONER	ROBERT	HALFORD	CHRIS
CLIFF	TERESA	FENKER	JUDY	HANLEY	ELLEN
COLEMAN	CONNIE	FIELD	RON	HANSEN	DEBRA
COLLIER	JANE	FIFE	TEENA	HANSON	CHERYL
CONLON	KAREN	FINCH-HOWELL		HARRISON	CHREYL
CONROW	KATHRYN		JANE	HART	JEMILA
CONTE	CARRIE	FITZGERALD	BRENDA	HASTAY	ELLEN
CORBRIDGE	PAULA	FOLSE	ROB	HAUSMAN	EVIE
COSTIC	ROBIN	FORESTER	DAN	HAUSMAN	CORRIE
CRANDELL	TERRY	FORSYTH	MADELINE	HEDMAN	SALLY
CRAVENS-TRIENT		FOSTER-SCHATZ		HENDERSON	MARILYN
	CASEY		KAREN	HENDERSON	DARCY
CRUZ	KENYA	FRANKLIN	PAUL	HESS	LYNDA
CULBERTSON	KIMBERLY	FRANKWICK	SKIP	HETTINGA	JILL



Veteran Master Gardeners cont

HETTMAN SHELLEY
HIBBS ROSE
MARIE
HICKS TARA
HILDERBRAND
MEREDITH
HILL SANDRA
HILLIER AL
HOEFLING REMA
HOFFMANN TERRI
HOFMANN JILL
HOPKINS NANCY
HORTON LOREN
HULL ALICE
HUTCHINSON LESLIE
INDIHAR DEBORAH
JACKMAN JAN
JACOBSEN PETE
JAMIESON MEGAN
JAPELY SANDY
JAROSH JUDI
JOHNSON GORDON
JOHNSON MARCIA
JONES DEB
JORDAN JOHN
JOSSELYN JILL
KAEMPF DARLENE
KAHL MARIANNE
KAIRIS JAIMIE
KAPFER DEBORAH
KAPPA ROB
KASPER LOUISE
KEEF SHARON
KEIL JACKIE
KELTY MOLLY
KEMMERER VICKIE
KEY CHARLOTTE
KIBBEY HEATHER
KIM CANDI
KING KAREN
KING MARIE
KIRBY KAREN
KLUG BILL
KNOLL TRICIA
KNOPP BARBARA
KNOTT JERRY

KOSHKARIAN CAROL
KOSOVICH
MARGUERITTE
KROMER PAM
KRONENBERG
JIM
KUBLI WHITNEY
LAKANEN LORI
LANDIS GARY
LANFRI TIM
LARKIN GERI
LARSEN ANNIE
LARSEN SHELLY
LAVATY BARBARA
LE TOURNEAU
SUSAN
LEE SUSAN A.M
LEEMAN CELIA
LEGEE WENDIE
LEONARD KAY
LEWIS PAT
LIBRA JEAN
LIDBERG MARY
LIEFELD DIANE
LINDE DEE
LINDQUIST JACKI
LINDSAY BETH
LINDSEY ELAINE
LINK GINNY
LISTER KEN
LOVELIN MARLIN
LUND RUTH
LYSENG MARG
MADSEN ARLAN
MANGELS WILLIAM
MANSELLE CINDY
MANTEI NIKKI
MARKWELL BARBARA
MARTIN TAMERA
MARTIN JONCILE
MATERN CATHY
MATERN MICHAEL
MATTERN JEANIE
MAUCH WINNIE
McCANNA PHYLLIS
McCOLLOM DICK

McCOY EUGENE
McCULLOCH SALLY
McGOVERN RUTH ANNE
McHARG KATHLEEN
McINTYRE MARCIA
MCINTYRE CARRIE
McKEE ELIZABETH
McLEAN DAWN
MCLEAN JUDY
MERZ CHERYL
METTEER RENE
MEYER GLENN
MILLER JANE
MILLER GAIL
MILLER KATIE
MISHAGA RICK
MOORE CRAIG
MOUZAKIS LAUREL
MOYLE DONNA
MUIR CINDY
MUIR NANCY
MUNCIE MARTHA
NATTER JEAN R.
NEIL GARRY
NEIMAN CHARLES
NICHOLS HEIDI
NICHOLSON MARY LOIS
NICKERSON HANNAH
NOKES KATHY E.
NYE LORI
O'DONNELL-HUMMEL
DAWN
OERDING WALTER
OLSHAUSEN LINDA
ORCHARD ERIKA
ORFANAKIS DOLORES
OTTAVIANO HARRIET
PARQUET DAISEY
PARRISH CHRISTINE
PARSONS JUDY
PAVILONIS PAMELA
PAWLOWSKI CLARA S.
PEARMAN BETSY
PEDERSEN BILL
PESCHKA JANET
PETERS SHELLEY

Veteran Master Gardeners cont

PETERSEN DORTHEA
 PETERSON PAM
 PFAFF KAREN
 PHILPS SANDRA
 PINKERTON DIANNE
 PITKIN-MAIZELS
 NATALIE
 PODUCH JULIE
 POLLASTRINI FRED
 POLSON CICI
 POSEY JUDY
 PRICE ELIZABETH
 PRINDLE JEANNIE
 PROSE SCOTT
 QUTUB CAROL
 RALLEY TOM
 RAMIREZ SEAMUS
 RANDALL SUE
 REID SANDY
 REIFENRATH MARGO
 REIMER DARLENE
 RENTFROW LINDA
 RETTIG HEATHER
 RISTAU SUSAN
 RIVAS JoANN
 ROBERTS CYNTHIA
 ROBINSON RUTH
 ROGERS IRWIN
 ROSE BETH
 ROSS CAROL
 ROSSETTO JOHN
 ROWLEY EFFA
 RUE JENNIFER
 RUEDA SHARON I.
 RUSSELL ROXANE
 RYAN PATTY
 RYBURN SUE
 RYCHLIK JEANNINE
 SANMAN RODGER
 SANMAN DARLENE
 SCHAKEL JOAN
 SCHEIBE DEBBIE
 SCHERLIE JOHN
 SCHILLING LORNA
 SCHLOSSER RON
 SCHROEDER ARDIS

SCHWARTZ DAVID
 SCOTT STEPHANIE
 SELZER SONIA
 SEMENIUK CHRISTINE
 SHENG Y. SHERRY
 SHIKATANI CATHY
 SHORR JACK
 SIBELL XUAN
 SIEKMANN MIMI
 SKINNER SALLY
 SMITH CARRIE
 SMITH DEBORAH
 SMITH DIANA
 SMITH SUZANNE
 SMITH BRENDA
 SMITH DAVID
 SMITH STEPHEN
 SMITH ELIZABETH
 SNEGOSKI CAROLYN
 SOSNOVEC PAT
 SPECHT BARBARA
 SPENDAL RON
 STANHOPE ANNETTE
 STANLEY ADAM
 STASTNY JANET
 STEGMILLER SUE
 STEINKAMP CHRIS
 STEVENSON EMILY
 STOFFEL KATHI
 STONE DORICE
 STOPPELMOOR
 DIANNE
 STROHECKER MARCIA
 STRONG BARBARA
 STUBBS ANNA
 STUDEBAKER TRINA
 SU NANWEI
 SUMMER RACHEL
 SWAIN CAROL
 SWAN ARNETTA
 SWING VIKKI
 TABLER BARBARA
 TAYLOR RHONDA
 TAYLOR MEGAN
 THOMAS JEAN
 MARGARET

THOMAS CAMERON
 THOMPSON NORRENE
 THOMPSON SANDI
 THOMPSON ADELE
 TODD AMY
 TORGESON JUDY
 TRACHSEL CHARLENE
 TREICHLER KATE
 TURNER KATHLEEN
 UCHYTEL SHERRY
 UPTON ANN
 VALLEY JEANETTE
 VAN HOE LORRAINE
 VAN PATTEN MARIE
 VAN SICKLE DIANNE
 VEMUGANTI RAO
 VENNES GEORGE
 Von OFENHEIM
 CINDY
 VOSS ELIZABETH
 WAGNER LYNN
 WALDEMAR MARTHA
 WALDRON AMY
 WALKER DEBBIE
 WALKER KEN
 WALLIS LYNN
 WATKINS CAROLE
 WEDEKING KAREN
 WESTLIN DEBORAH
 WHITE PHIL
 WHITMAN KATHLEEN
 WILBORN CAROL
 WILBUR AMELIA
 WILBUR JOHN
 WILEY SHARON
 WILLE FRANK
 WILLIAMS CYNTHIA
 WINDAM JOYCEANN
 WITHERS JOHN
 WOLFRAM LORI
 WOODBURY CINDY
 WOODS ROBERT
 YOUNG ELAINE
 YOUNG DON
 ZINSLI CAROL
 ZUSMAN DIANE



Intern Master Gardeners

Congratulations to the class of 2013! The following is a list of the interns who have turned in volunteer hours. *Almost all have completed the required 66 volunteer hours!* A few listed here have chosen to continue to work on their hours and will get their badge upon completion.

ALEXANDER	SUZANNE	GIBLER	BRUCE	OYAMADA	DEBRA
AMPERSAND	JENNY	GILLINGHAM	JENNIFER	PAULAT	TAMARA
ARMSTRONG	KATHY	GRAYSON	CELIA	PETERKA	STEPHANIE
BALSHEM	MARTHA	GREENBERG	DANIELA	READ	KAREN
BAUMAN	KEN	HALL	SUE	REMILLARD	JANET
BECKER	RICH	HAUSER	JACKIE	RHODES	ELAINE
BERNSTEN	LINA	HAYHURST	MARIE	ROSS	KAREN
BILLINGS	HEIDI	HERZBERG	DEBORAH	ROWDEN	JANE
BLADEN	PATRICIA	HILL	CLEOSA	RUDD	REBECCA
BONHAM	LUKE	HOUSTON	KATHRYN	RYAN	BEVERLEE
BOWEN	BETTIE	HOWARD	ANITA	SADLE-RUFF	DARRIELLE
BUENO	JAVIER	HUTCHINSON	MARIE	SAWYER	KIM
CAMPBELL	CHERYL	JENKINS	KRISTIN	SCHMIDT	ANNE M.
CANUTT	MICHELLE	JERNBERG	LINDA	SCHMIDT	ANNE
CARSON	GILLIAN	JOHNSON	P. ANNA	SHELTON	ALEXIS
CLOSE	BEVERLY	JOHNSTON	FRAN	SMITH	EMILY
CODINO	MICHELLE	KATZ	DANA	SNORTUM	ELISE
COLBERT	JOEY	KAUFMAN	DEBBIE	SOLOMON	VIVIAN
COLBERT	JIM	KELLER	KATIE	SOULES	LANI
COLEMAN	SARA	KENNEY	LINDA	ST. MARIE	RAMONA
COLINA	JANESSA	LAMAR	KRISTENA	STACY	JENNIFER
COOPER	JOY	LAMBERT	KALI	STAFFORD	RAENEL
COTUNA	DIANNE	LAUFENBERG	MARILYN	STERRETT	AUBRION
DELAIR	MICHAEL	LEGAULT	JENNIFER	SUTKO	MARGARET
DEOL	PUKHRAJ	LYON	ALYSSA	TRUJILLO	JUDITH
DICKINSON	LYNN	MARCUS	SUSAN	TRUJILLO	LINDA
DUDLEY	SANDRA	MARKS	ANITA	TRZYBINSKI	CATHERINE
DVORSKY	RACHEL	MCMAHON	MARY	TURNER	MARILYNN
ELLIOT	JACKIE	METCALFE	SUSAN	TYRRELL	LAURALEE
EPIDENDIO	BARBARA	MOHR	JILL	VAN DOREN	SHAWN
ETTINGER	BRANDIE	MOORE	JANE	WAKELING	DEBI
EWELL	MARIAN	MOSES	ETHAN	WATSON	CATHY
FELDBOUSEN	BRENDA	MULLIN	SCOTT	WHITE	LAURA
FELIX	MARY	MYERS	JACQUE	WILCOX	DEBBIE
FISHER	AUTUMN	O'DONNELL	JENNIFER	WILLSON	DENNY
FOSLER	KELLY	O'NEIL-BUTLER	JASON	WINTER	JERICHO
GAGLIONE	CAROLE		LISA	WISDOM	LAURA
GALVEZ	JIMENA	OVEY		WODIUK	ROBYN
		OWEN	MARSHA	WOLDRIDGE	ANN
				WROBLEWSKI	PATTI
				ZIERDT	SHAWNA



2014 Metro Master Gardener Training Schedule 10/28/13

Week	Dates	Time	Topic	Instructor	Reading
1	January 7, 9, 10	AM	Intro to MG program Intro to Veggie gardening	MG team, Weston Miller	Handout
		PM	Botany for Gardeners	Weston Miller and Pukhraj Deol	Chapter 1
2	January 14, 16, 17	AM	Soils	Claudia Groth and Pukhraj Deol	Chapter 2 & 5
		PM	Compost, and fertilizers	Claudia Groth and Pukhraj Deol	Chapter 2 & 5
3	January 21, 23, 24	AM	Vegetable gardening	Weston Miller	Chapter 7
		PM	Entomology	Jean Natter	Chapter 14
4	January 28, 30, 31	AM	Pesticide Safety	Dave Stone	Chapter 19
		PM	Plant Identification	Renee Harber	Chapter 22
5	February 4, 6, 7	AM	Weed control	Chip Bubl	Chapter 17
		PM	Sustainable lawns Volunteer fair (ZOO and BL)	Miller, Miller, Yost, Grimm	Chapter 12 Bring your calendar!
6	February 11, 13, 14	AM	Plant diseases and disorders	Jean Natter	Chapter 15 and 16
		PM	Berry Crops	Jane Collier	Chapter 11
7	February 18, 20, 21	AM	Home orchards and fruit tree pruning	Monica Maggio	Chapter 10
		PM	Integrated Pest Management (IPM), PNW references	Claudia Groth	Chapter 20
8	February 25, 27, 28	AM	Household pests	Jean Natter	handout
		PM	Water quality for gardeners Rain Gardens, Invasives -EDRR	Weston Miller and Pukhraj Deol	Chapter 6
9	March 4, 6, 7	AM	Sustainable landscapes and native plants	Weston Miller	Chapter 8,9, and 21
		PM	Plant propagation; Volunteer resource fair	Lynn Cox; Yost, Bayne	Chapter 3 Bring your calendar!
10	March 11, 13, 14	AM	Vertebrate pests	Chip Bubl	Chapter 18
		PM	How to be an MG (videos) OSU/ Metro resource training;	Weston Miller Carl Grimm	handouts
11	March 18, 20, 21	AM	Diagnostics clinic	Jean Natter	Chapter 15 and 16
		PM	Hands-on diagnostics Open-book test review	Yost, Bayne and Collier	Take-home test

(Weeks 2 through 11 qualify for recertification credit)

Training Locations:

Tuesdays- First Baptist Church 5755 SW Erickson Ave Beaverton OR 97005

Thursdays- Museum of the Oregon Territory 3rd floor- 211 Tumwater Drive, Oregon City OR 97045

Fridays- Multnomah County Headquarters 501 SE Hawthorne Blvd. Portland, OR 97214

Daily Schedule:

Morning Session 9am – 12 pm

Lunch- 12pm – 1 pm

Afternoon Session 1pm – 4 pm

2014 DRAFT MG Training Schedule- October 2013

Help care for the bioswale at the Tualatin River National Wildlife Refuge

Here's a potential project with double the rewards: Master Gardener hours, and learning about native plants of our area. You are invited to help care for the bioswale at the Tualatin River National Wildlife Refuge just north of Sherwood on Highway 99. The bioswale, installed to filter and clean the water running off the refuge parking lot, is planted with more than 60 species of native plants, and is a teaching tool for the approximately 100,000 student and adults that visit the refuge each year.



In return for your help, you'll learn to identify the plants there, all of which (except for the weeds we'll be getting rid of!) are native to the Tualatin and Willamette valleys and are so important to the well-being of our beloved songbirds, butterflies, bees, and other creatures.

This is not an official Master Gardener project yet, but if enough people show an interest it will become one. Tasks to keep the bioswale beautiful will be scheduled for once a month during the growing season, and will include light weeding and removal of spent blooms and foliage to keep this wild garden in bounds. MG volunteers who participate will also be asked to complete paperwork to become official Refuge volunteers.

If you would be interested in helping with this project, please contact Sandy Reid [503-625-4649](tel:503-625-4649) or thereidshome@gmail.com to let her know of your interest. You can find out more about the refuge here <http://www.fws.gov/tualatinriver/> and here <http://www.friendsoftualatinrefuge.org/>. And please come and pay the refuge a visit!

Natter's Notes

Azalea lace bugs: *Stephanitis pyrioides*

Jean R. Natter

(An update of Natter's Notes in the May 2013 Metro Master Gardener Newsletter.)

Even though the public began bringing bleached azalea samples into the Metro MG offices in 2006, it wasn't until 2009 that azalea lace bugs were officially identified as the culprits and declared an invasive plant pest in Oregon.

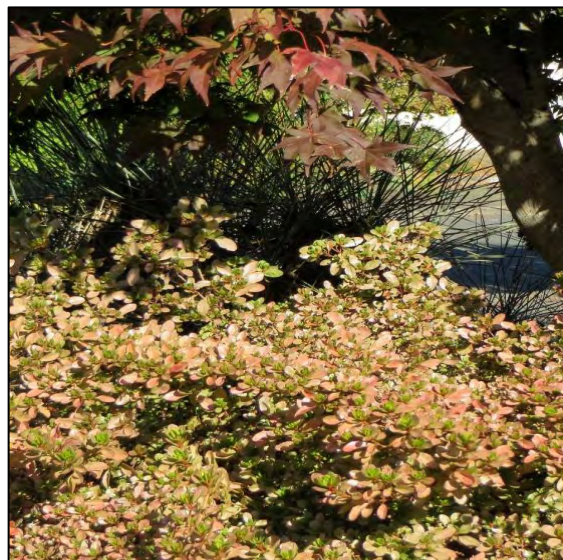
Likely you've seen the damage at least once. But if not, know that you soon may. Home gardeners are still discovering that their azaleas are turning white and want to know why. They often say "It just happened!" and are concerned the shrubs might die.

Well, the good news is that azalea lace bugs (ALB) seldom kill azaleas. But the bad news is that they're still on a rampage, damaging local azaleas and rhododendrons.

Management is a package deal which combines cultural, biological, and chemical techniques. Chemicals are most effective when applications begin shortly after the lace bugs hatch, typically during May or June. At that time, the fragile nymphs (youngsters) are easily dispatched, in part because they are clustered on the undersides of the leaves. Early action reduces populations and damage.



A neighbor's small-leaved azalea which normally has rich glossy green leaves. (October 2013).



A colorful maple behind an azalea exhibiting a new and different version of fall color, courtesy of azalea lace bugs. (October 2013).

The PNW handbook states "While almost never fatal, repeated infestations of rhododendron [Ed.: azalea] lace bugs may result in yellowed, sickly plants. Infestations are more severe on plants in the sun."

"Azalea Lace Bug" (Resource 1), though, says "... in the Pacific Northwest damage is worse on azaleas grown in the shade. ... In the eastern United States, where shade-loving natural enemies of azalea lace bug have established, azaleas in the sun, particularly the afternoon sun, are reported to be nearly twice as likely to be infested." In other words, azalea lace bugs moved to a "thermal refuge" where they could survive but their natural enemies couldn't.

Management – chemical

As you know, the insect handbook lists suggested insecticides alphabetically by active ingredient rather than by product name, a practice which creates problems for clients who are told by retailers to “come back when you have a product name.”

One method to locate appropriate products is to ask sales personnel for a material that will help control azalea lace bug. With a product in hand, one can read the label to determine the active ingredient.

This list from the University of California matches active ingredients with home-use products. The potential glitch, though, is that not all products will be available at an individual retail outlet.

<http://www.ipm.ucdavis.edu/PMG/menu.pesticides.php>



Azalea lace bug damage on susceptible rhododendron leaves is typically displayed as very coarse stippling.

Here's a brief rundown on the active ingredients listed in the PNW handbook:

1. **Acephate:** A systemic material which remains in the plant approximately 15 days. Effective against lace bugs if re-applied through the season.
<http://npic.orst.edu/factsheets/acephagen.html>
2. **Azadirachtin (neem oil):** Useful in organic management. Effective only when it contacts the pests; repeat applications. <http://npic.orst.edu/factsheets/neemgen.html>
3. **Cyfluthrin:** A pyrethroid with low toxicity to mammals and used against adult azalea lace bugs. <http://npic.orst.edu/factsheets/pyrethrins.pdf>
4. **Horticultural oils:** May be helpful when applied in late winter to coat the undersides of the leaves where lace bug eggs are embedded. Observe label cautions concerning temperature.
<https://www.facebook.com/NPICatOSU/posts/524848780892009>
5. **Imidacloprid:** One of the neonicotinoids, all of which are systemic insecticides. Imidacloprid persists within woody plants for years, and is remobilized at the beginning of each growing season. So, even though it isn't applied when pollinators were active, it will be present in spring when they are. The liquid preparation is applied as a spray or soil drench, the granular formulation is distributed on the soil surface. As always, follow label directions. <http://npic.orst.edu/factsheets/imidagen.html>
6. **Insecticidal soap** (potassium salts of fatty acids): An organic option and among the least toxic materials on this list. Effective only when it contacts the pests. It's most useful shortly after the lace bugs hatch, while they are still clustered on the underside of the leaves. (See Resource 1, the second image on page 4.) Clients must monitor their plants to determine when that occurs. <http://npic.orst.edu/factsheets/psfagen.pdf>
7. **Spinosad:** Useful in organic management. Derived from naturally occurring *Saccharopolyspora spinosad* found in soil samples from a Caribbean island in 1982.
<http://www.cefs.ncsu.edu/newsevents/events/2010/sosa2010/20101013tomato/product13-spinosad.pdf>

The short version about ALB in our region:

- Azalea lace bugs rarely kill their hosts.
- The number of generations a year may be one or two.
- Stressed azaleas and rhododendrons are most susceptible to damage.
- A spray applied shortly after hatching will greatly decrease the population and subsequent damage.
- Sprays must be repeated several times through the season.
- Provide supplemental water through our dry months. Each irrigation should moisten the entire rootzone.
- Green lacewings have been observed feeding on ALB, but the natural enemies existing in the eastern states haven't yet arrived.
- The Encore series of azaleas have proved themselves to be tolerant of lace bugs elsewhere, but their value in the northwest remains to be seen.
- Pink and white azaleas have some degree of tolerance, not so with the reds.
- Deciduous azaleas are showing tolerance as are rhododendrons with indumentum, a covering of fine hairs on the undersides of the leaves.



It's October, but adult azalea lace bugs are still active on rhododendrons and azaleas in my neighborhood. The small smudgy spots are fecal deposits. At this time, I don't see ANY evidence of eggs inserted along the mid-ribs. (The pink thing to the right is the tip of my fourth finger.)

Resources:

1. "Azalea Lace Bug" (Robin Rosetta; July 2013)
<http://ir.library.oregonstate.edu/xmlui/bitstream/handle/1957/40424/em9066.pdf>
2. 2013 PNW Insect Management Handbook <http://pnwhandbooks.org/insect/>
3. "Featured Creatures: Azalea lace bug" (May 2006)
http://entomology.ifas.ufl.edu/creatures/orn/shrubs/azalea_lace_bug.htm

HORTICULTURAL CALENDAR FOR THE METRO AREA

Nov 5	Washington Co. Oregon Zoo Horticultural Supervisor, Rick Hanes
Nov 9	Clackamas Community College, Fall Recertification
Nov 12	Multnomah Co. Chapter, Tree Health: Facts, Fiction and a Few Lies (MG Recertification Credit)
Nov 12	Washington Co. Demo Garden, Fall Rose Pruning
Nov 18	Clackamas Co. Chapter, Edible Flowers
Dec 3	Washington Co. Demo Garden, Mason Bee Cocoon Cleaning Workshop
Dec 4	Class Coordinator Meeting
Dec 9	Clackamas Co. Rainforests – Nature's Most Exuberant Gardens
Jan 7,9,10	2014 Master Gardener training starts
Jan 14	Multnomah Co. Making the Most of Small Spaces
Feb 11	Multnomah Co. Want Fruit? Get Mason Bees!

November Garden Calendar

The monthly gardening calendars are produced by OSU Extension. Each calendar provides reminders of key garden chores, such as fertilizing, pest control, planting, and maintenance.

Recommendations in this calendar are not necessarily applicable to all areas of Oregon. For more information, [contact your local Extension office](#).



Sustainable gardening

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.

Planning

- Force spring bulbs for indoor blooms in December.



Maintenance and Clean Up

- Service lawn mower prior to winter.
- Check potatoes in storage and remove any going bad.
- Place a portable cold frame over rows of winter vegetables.
- Place mulch around berries for winter protection.
- Cover rhubarb and asparagus beds with composted manure and straw.
- Rake and compost leaves that are free of diseases and insects. Use mulches to prevent erosion and compaction from rain.
- To protect built-in sprinkler systems drain the system and insulate the valve mechanisms.
- Clean and oil lawnmower, other garden equipment and tools before storing for winter. Drain and store hoses carefully to avoid damage from freezing. Renew mulch around perennial flower beds after removing weeds.
- Protect tender evergreens from drying wind.
- Tie limbs of upright evergreens to prevent breakage by snow or ice.
- Trim chrysanthemums to four to six inches after they finish blooming.
- Leave ornamental grasses up in winter to provide winter texture in the landscape. Cut them back a few inches above the ground in early spring.

- **Western Oregon:** last chance to plant cover crops for soil building. You can also use a three to four inch layer of leaves, spread over the garden plot, to eliminate winter weeds, suppress early spring weeds and prevent soil compaction by rain.
- **Western Oregon:** watch for wet soil and drainage problems in yard during heavy rains. Tilling, ditching, and French drains are possible solutions. Consider rain gardens and bioswales as a long-term solution.
- **Western Oregon:** take cuttings of rhododendrons and camellias for propagation; propagate begonias from leaf cuttings.
- **Western Oregon:** prune roses (tea and floribunda, but NOT climbers and ramblers) to around three feet in height to prevent winter damage.
- **Central/eastern Oregon:** water your newly planted perennials, trees and shrubs every six to eight weeks with a deep soaking to prevent drying out, if there is no snow cover and the ground is warm enough to accept water.
- **Central/eastern Oregon:** wrap the trunks of young, thin-barked trees (maples, aspen, ash) with paper tree wrap late in the month to prevent sunscald. Remove in April. Wrap new trees two to three years in a row until the outer bark has thickened.

Planting/Propagation

- Plant window garden of lettuce, chives, parsley.
- Good time to plant trees and shrubs. Consider planting shrubs and trees that supply food and shelter to birds; e.g., sumac, elderberry, flowering currant, and mock orange.
- **Western Oregon:** still time to plant spring-flowering bulbs, such as tulips, daffodils, hyacinths, crocuses. Don't delay.
- **Western Oregon:** good time to plant garlic for harvest next summer, and to transplant landscape trees and shrubs.

Pest Monitoring and Management

- Rake and destroy leaves from fruit trees that were diseased this year. Remove and discard mummified fruit.
- Check firewood for insect infestations. Burn affected wood first and don't store inside.
- Treat peaches four weeks after leaf fall spray for peach leaf curl and shothole diseases.
- **Western Oregon:** moss appearing in lawn may mean too much shade or poor drainage. Correct site conditions if moss is bothersome.
- **Western Oregon:** bait garden, flower beds for slugs during rainy periods. Use traps or new phosphate baits, which are pet-safe.
- Monitor landscape plants for problems. Don't treat unless a problem is identified.



Houseplants and Indoor Gardening

- Reduce fertilizer applications to houseplants.



Clackamas County Chatter



NOVEMBER

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

2013

November Chapter Meeting

Monday, November 18, 2013, 7 p.m.

(Third Monday because of Veteran's Day)

Milwaukie Center, 5440 SE Kellogg Creek Dr., Milwaukie

Vern Nelson will talk about his favorite edible flowers and how he uses them in the kitchen. Examples: rose brandy from rugosa rose; Queen Anne's lace jelly; St Germain from elderberry flowers.



Vern is the owner of A New Leaf Kitchen Garden Design company and garden columnist for the Oregonian. He does botanical watercolor illustrations and is a horticultural photographer.

December Program

Monday, December 9, 2013, 7 p.m.

Rainforests - Nature's Most Exuberant Gardens

Tropical rainforests host fully half of the plant and animal species on earth. Rainforests are the source of many houseplants, medicines, food crops, and lustrous woods. The Rainforest Alliance certifies farms that meet rigorous standards for environmental protection, worker rights and benefits, pollution and waste management. Chris Wille will share how many of the techniques promoted by Master Gardeners are used to get coffee, banana, cocoa, tea, and other tropical farms on the path toward sustainability.

Budget Time

We will be voting on the 2014 budget presented to the chapter during our October meeting. Please be prepared to support the chapter as we plan for next year. We will also be voting soon on the contributions for this year. If you have any suggestions, please submit them to any one of the Board members.

Master Gardener Recertification

The fall Recertification training will be held on November 9 at 8:30 to 3:30 at Clackamas Community College, Gregory Forum Building. Remember that in order to volunteer as an OSU Master Gardener you must complete 12 hours of recertification each year. Click here for complete info on the event: [November Recertification](#)

2014 Officers Elected

Our chapter elected the officers for our 2014 Executive Board during the October chapter meeting. Thank you all for your service to our Chapter.

Newly elected

President

Terry Crandell

Vice President

Dee Linde

Assistant Treasurer

Paul Baker

Advisory Committee

Will Hughes

OMGA Rep

Seamus Ramirez

Alternate OMGA Rep

Rob Folse

Continuing in office

Secretary

Barbara Markwell

Treasurer

Seamus Ramirez

Advisory Committee

Sharon Andrews (third year)

Rob Folse (second Year)

Fall into Gardening

Another successful community outreach program was held on October 12 to share Master Gardener knowledge with the public. Soil pH testing, 10-Minute University™, and gardening demonstrations reached over 200 members of our community, and there were over 250 soil samples tested. A "well done" to Sherry Sheng and her team of Master Gardeners! *Look for our Spring event, Garden Discovery Day in early 2014.*



December Used Book Sale

Bring bring your used books to the November Chapter meeting to donate to the annual Used Book Sale.

President • Will Hughes: 503.887.9380

Vice President • Terry Crandell: 503.655.2140

Secretary • Barbara Markwell: 503.632.3374

Advisory Board • Buzz Oerding: 503.233.6974

OMGA Rep • Terri Hoffman: 503.982.4825

Treasurer • Seamus Ramirez: 503.342.6229

Advisory Board • Sharon Andrews: 503.577.7493

OMGA Alt. Rep • Karen King: 503.467.8800

Assist. Treasurer • Vickie Kemmerer: 503.476.5955

Advisory Board • Rob Folse: 503.682.5835

Newsletter • S. Andrews & Frank Wille

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

November 2013

Metro Master Gardener™ Newsletter

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November 2013

Speaker Series

Tuesday, November 12

7:00pm

Mt. Tabor Presbyterian
Church

5441 SE Belmont Street

Speaker: Alan Kanaskie,
Forest pathologist, arborist,
Oregon Department of For-
estry

**Topic: ‘Tree Health Facts:
Facts, Fiction and a Few
Lies!’**

Thanksgiving

Thanks to all those who got down and dirty to nurture and grow this year’s harvest bounty at the **Multnomah County Community Demonstration Garden**. The abundant harvests have enabled us to donate 1768 lbs of produce to area food banks!

It’s not too late to join in the hands-on educational fun as we put the garden to bed for the winter. Join us in the garden through November 14, Mondays and Thursdays, 9am to 12pm **6801 SE 60th Ave.**

Green Tomato Delights!

At our November meeting you will have the chance to taste a couple of green tomato chutneys and a green tomato ‘chow-chow’, compliments of our Demo Garden culinary team who whipped up a few batches of each using 45lbs of green tomatoes from the garden. Recipes to share too!

Multnomah County Grapevine

In cooperation with the OSU Extension Service Master Gardener Program



Tree Health Facts: Facts, Fiction and a Few Lies!

Trees are a vital part of our urban and suburban communities. Whether hardwood or conifer, native or non-native, they provide beauty, shade, wildlife habitat, and diversity to our backyards, streets and neighborhoods. They also are susceptible to insects, diseases and abiotic stressors that decrease tree vitality, damage leaves or branches, or kill whole trees. Sometimes a tree’s problem may be YOU. Alan Kanaskie, with the

Oregon Department of Forestry, will review some of the most important tree pests, explore a few myths about tree care, and scare you about invasive insects and pathogens, so you’ll help keep an eye out for potential invaders.

Alan is a graduate of the Duke University School of Forestry and Environmental Studies, but that was a very long time ago. He has been a forest pathologist for more than thirty years, working for the USDA-Forest Service, Weyerhaeuser Company, and the Oregon Department of Forestry. Although he loves all kinds of tree pests, sudden oak death has been his main interest for the past 10 years. (Yes, you should be worried about this one).

** This program is designated as a Metro MG Recertification credit.*



Photo credit: Alan Kanaskie

Chapter Website—www.metroastergardeners.org/multnomah/

Chapter Email—multmastergardeners@gmail.com

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



Washington County Chapter Chat

Good Dirt for the Master Gardeners of Washington County, Oregon

November 2013

Chapter Meeting & Lecture

Tuesday November 5

6:30 pm social time, 6:45 pm chapter meeting,
7:15 public lecture
First Baptist Church, 5755 SW Erickson Ave, Beaverton.

2014 WCMGA Board Elections

Nominees for open positions:

President - Bob Falconer
Vice President - Sue Ryburn
Treasurer - Pamela Aldrich
Recording Secretary - Gail Beasley
Corresponding Secretary - Rene Breier
Director 2: Program - Bonnie Kiester
OMGA Representative - Jacki Lindquist

SPEAKER: Rick Hanes

Oregon Zoo Horticultural Supervisor

A zoo setting comes with rare challenges and opportunities for the gardener. Over the past 26 years, as senior gardener and currently as Horticultural Supervisor, Rick Hanes has created an intriguing animal-plant environment that is a joy to the senses.

Rick will discuss how beautiful, natural, healthy zoo habitats benefit both animals and humans. Topics will include: plants and landscapes within a zoo setting, maintenance, conservation, and of course, zoo doo composting. Perhaps Rick will enlighten us about what plants the animals prefer to browse.

Join us to view the zoo and its lovely gardens with fresh eyes.



POTTED: 800 plants for the 2014 plant sale, thanks to potters like Bobbie Burke, left, Jeannine Rychlik, Karen Kirby, Jane Miller, plant sale chair; and her assistant Cindy Muir.

Keep Digging and Donating

This amazing fall is the perfect time to divide and donate your hardy perennials for the spring plant sale, our chapter's main fundraiser. Over 800 plants are potted; 2000 more are needed! Jane Miller's pickup will be parked near the entrance to the chapter meetings in November and December to accept your donations. Spring and summer bloomers sell best. Please, no grasses or ground covers. Questions? Call Jane, 503 590-3598 or Cindy Muir, 503 245-3922.

President: Sandy Japely 503 644-2637 sjapely@gmail.com
Chapter website: www.washingtoncountymastergardeners.org
Metro website: www.metro.mastergardeners.org/washington
Chapter Chat Editor: Erika Orchard 503 645-2262 jeorchard@comcast.net



New Demo Garden: Tilled and Ready to Grow

We've broken ground! The Jenkins Estate Demonstration Garden site has been rototilled and pathways and planting areas are being established. An excited MG team will begin leading the development of specific design elements of the garden, as envisioned in MG Paul Taylor's professional plan.

Development leaders include Sandy Japely, director; Ron Spendal, pollinator garden; Judy Fenker, spiral herb garden; Carolyn Adams, dry garden; Marcia Strohecker, companion plantings / espaliered fruit; Sue Ryburn, urban vegetable/ ornamental garden; Marilyn Berti, raised vegetable beds; and Mary French, donations.

Still needed are leaders for the compost/vermiculture area and the learning/training classroom space. Join us! E-mail sjapely@gmail.com to help with the project.

Coming up...

- **November 9 Fall Recertification Training** 8:30am – 3:30pm
Clackamas Community College Earn 6 credits.
See Metro MG newsletter for agenda and training topics.
- **November 12 Fall Rose Pruning - hands-on class** 9:30 am
Fair Complex Demo Garden, Hillsboro
Learn from MG **Bill Klug** and practice on the garden's 32 rose bushes. Bring pruning tools & gloves.
- **December 3 Mason Bee Cocoon Cleaning** 9:30 am
Fair Complex Demo Garden, Hillsboro
MG **Ron Spendal** teaches the sand cleaning process.
Bring mason bee nests and/or cocoons to be cleaned.

Help Support 2014 MG Training

When the new MG Training begins Jan. 7, the classroom will be ready and students welcomed by friendly MGs offering coffee, treats, and information.

Help us continue this warm tradition by joining the training support crew led by Trina Studebaker, class coordinator. Most needed: set-up and take-down crew, floaters (fill in where needed), veterans for first day of class assistance.

Contact Trina at writetotrina@gmail.com, 971 645-8049 or Diana Evans-Baxter, dianaeb@frontier.com, 503 590-7693.



November 2013

MASTER GARDENER NEWSLETTER



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