



Extension Service Clatsop County

Oregon State University, 2001 Marine Drive Room 210, Astoria, Oregon 97103
T 503-325-8573 | F 503-325-7910 | <http://extension.oregonstate.edu/clatsop/>

TO: Veteran Master Gardeners

FROM: Diana Pappas
MG Program Coordinator

DATE: November 18, 2012

RE: 2012 Master Gardener Classes

Enclosed you will find a copy of the 2012 schedule for the Master Gardener classes. You will not be required to pay for the classes, but I do ask that you please call in advance for the classes you plan to attend, (503) 325-8573. This will help keep the class size manageable and accommodate any seating requirements.

The classes will be held at Clatsop Community College, Seaside Campus. The address is 1455 N. Roosevelt. Classes run January 11 from 8:45 AM – 12:00 Noon and 1:00 PM – 4:00 PM and go through March 21.

The classes may be used for recertification. I am asking that you attend at least **four** 3-hour classes. Please note the January 11 morning *Introduction* class and the March 21 afternoon *Test Review* class do not count towards that requirement. Other ways to recertify still include the exam, mini college, and advanced training. All recertified Master Gardeners will again be required to complete a minimum of 20 hours of volunteer service on approved projects including 6 hours of clinic or Information Line. If you have special circumstances in your recertification, please contact me.

Reporting your volunteer hours is available online at <http://extension.oregonstate.edu/mg/vrs>, please see the enclosed VRS sheet when logging in your hours. If you do not use a computer, paper log sheets are available upon request. I look forward to seeing you in 2012!

DP/to

Encl: 2012 MG class schedule, Map, 2012 Recertification Check Off List, 2012 Recertification Exam, VRS Info Sheet, Volunteer Hours Log Sheet

2012 Clatsop Co. Master Gardener™ Training Schedule

Wednesdays 8:45 AM–12:00 Noon & 1:00 PM – 4:00 PM

Week	Date	Time	Topic	Instructor	Reading
1	January 11	AM	Introduction	Diana Pappas	
		PM	Botany	Michael Bunch	Chapters 1 & 3
2	January 18	AM	Soils	Joy Jones	Chapters 2, 5
		PM	Soils, <i>continued</i>	Joy Jones	
3	January 25	AM	Berries & Small Fruits	Neil Bell	Chapter 11
		PM	IPM	Claudia Groth	Chapter 20
4	February 1	AM	Annuals & Perennials	Linda Brim	Chapters 8 & 9
		PM	Vegetables	Walt John	Chapters 5 & 7
5	February 8	AM	Lawns	Joe Balden	Chapter 12
		PM	Plant ID	Linda McMahan	Chapter 22
6	February 15	AM	Ornamental Trees/Pruning	Joe Balden	Chapter 4
		PM	Orn.Trees/Pruning, <i>cont.</i>	Joe Balden	
7	February 22	AM	Weeds & Pesticides	Chip Bubl	Chapters 17 & 19
		PM	Weeds & Pesticides, <i>cont.</i>	Chip Bubl	
8	February 29	AM	Fruit Trees/Pruning	Ross Penhallegon	Chapters 4 & 10
		PM	Fruit Trees/Pruning, <i>cont.</i>	Ross Penhallegon	
9	March 7	AM	Propagation & Composting	Elizabeth Howley	Chapter 3 & 5
		PM	Entomology	Jean Natter	Chapter 14
10	March 14	AM	Plant Pathology	Cindy Ocamb	Chapters 15 & 16
		PM	Plant Pathology, <i>continued</i>	Cindy Ocamb	
11	March 21	AM	Office Orientation, Plant Clinic, PNW, Ref. Books	CCMGA	
		PM	Test Review		



Clatsop County Master Gardeners

Class of 2012

Clatsop Community College (South County Campus)

1455 N Roosevelt Drive
Seaside, OR 97138



Directions To Clatsop Community College in Seaside, Oregon

From Astoria, OR

Route: 16 miles, ~22 minutes

1. Depart **US-30 West / Marine Dr** toward **8TH St** 1.0 mi
2. Keep **straight onto US-101 / W Marine Dr** 0.5 mi
3. At roundabout, take **1st exit across Youngs Bay Bridge** 14.1 mi
4. Arrive at **1455 N Roosevelt Dr, Seaside, OR 97138**

The last intersection before CCC is 15TH Avenue. If you reach 14TH Ave, you've gone too far.

Clatsop Community College is on the left side (East side) of the road. It is in a building between Olstedt Construction and Diamond Heating. Human Bean coffee cart is there to the North.

From Cannon Beach, OR

Route: 9mi, ~14 minutes

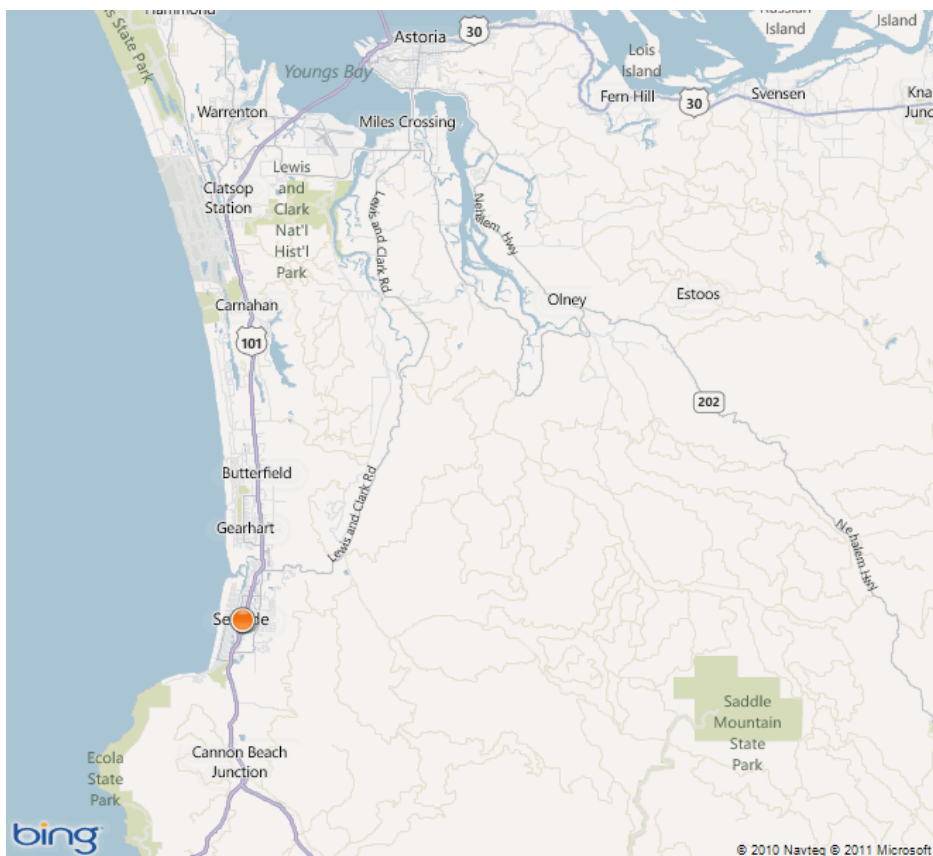
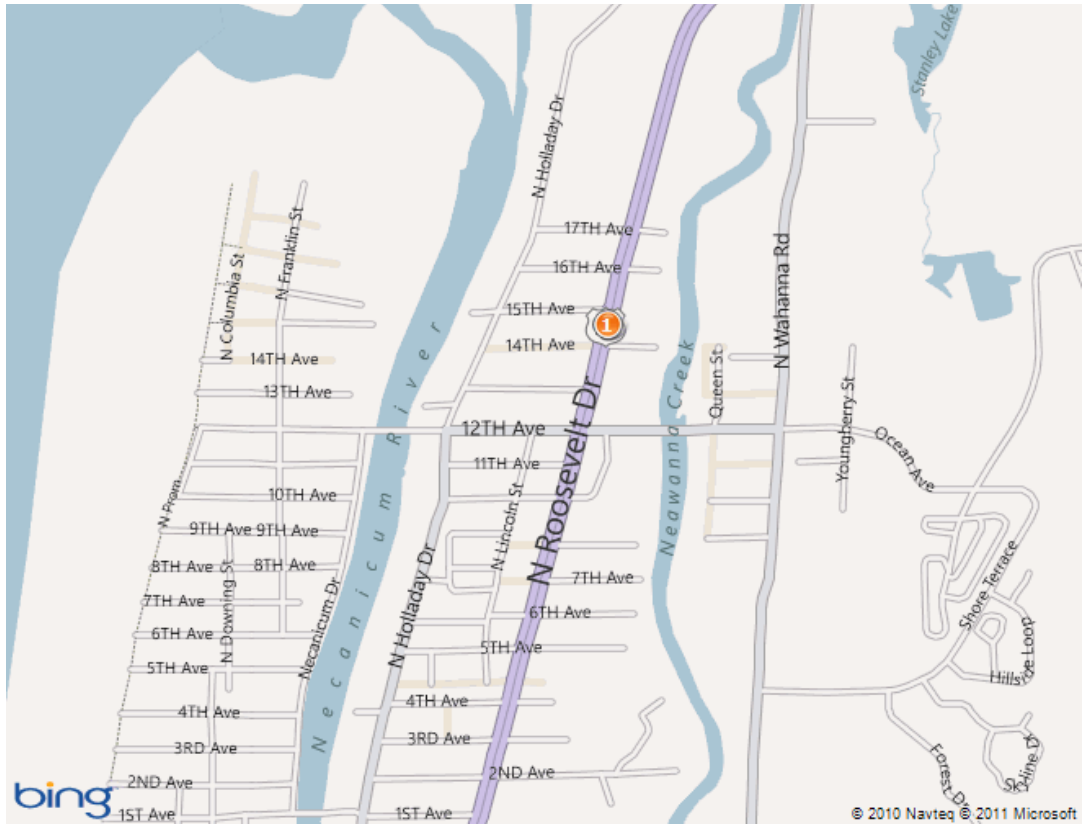
1. Turn **left onto US-101 / Oregon Coast Hwy** 9.0 mi
2. Drive **through Seaside** past Safeway and **through the light at 12th Street**
You'll see the movie theater on the right. Continue on to destination on right.
3. Arrive at 1455 N Roosevelt Drive, Seaside, OR 97138

Clatsop Community College is on the right side (East side) of the road. It is in a building between Olstedt Construction and Diamond Heating. Human Bean coffee cart is there to the North.

Clatsop Community College

1455 N Roosevelt Dr
Seaside, OR 97138

Seaside, Oregon - (note: North Roosevelt is also Highway 101)



2012 Recertification Check Off List

It's that time again - recertification runs from January to January of the current year. A record is being kept for those who attended the required Master Gardener classes. Anyone who plans on giving advice, including on KMUN, at the Demo Garden, at county fair, etc. must be recertified to be insured by Oregon State University. In order to recertify, you must complete **20 hours of community service on approved Master Gardener projects AND one item** from the list below.

Your **community service hours must include 6 hours at the Extension Office Info Line or Sunday Market Master Gardener Booth and 14 hours at any other MG approved projects.** If unable to do hours at the Extension Office Info Line or Sunday Market, you must contact the Master Gardener Program Coordinator to make other arrangements.

Check Yes or No for all the recertification methods that apply and **return this form no later than June 1, 2012** to: OSU Extension Office, 2001 Marine Dr., Rm. 210, Astoria, OR, 97103.

(Please indicate which activities you plan on completing in order to recertify.)

Yes	No	Activity
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<input type="checkbox"/>	<input type="checkbox"/>	Attend four 3-hour time blocks of the Clatsop Co. Master Gardener classes and/or Mini-College in Corvallis.- (You may additionally attend more if desired, you may attend an Advanced Training Class in another location or format by approval of instructor.).
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<input type="checkbox"/>	<input type="checkbox"/>	Teach a Master Gardener Class
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<input type="checkbox"/>	<input type="checkbox"/>	Take the 2012 Recertification Quiz—DUE June 1, 2012
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<input type="checkbox"/>	<input type="checkbox"/>	Teach a class at the Clatsop County <i>Spring Into Gardening Seminar</i>
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_____ I do not plan to be active, or give advice in 2012 and will not be recertifying. I understand I can still be active in the CCMGA and participate in projects and events.

_____ I request an alternative recertification method for approval by the Instructor. (Attach or write request to the back of this sheet).

Name _____

Address _____

City _____ State _____ Zip Code _____

Phone Number _____

2012 Clatsop County Master Gardener Recertification Exam

Please list the reference used and page number(s) in the left margin. It may be necessary to use some references that are available at the Extension Office. For multiple choice questions, there may be more than one correct choice; check all of the correct responses.

100 points, a passing score is at least 70% correct

1. (1 point) What is the major function of root hairs?

2. (2 points) You saved the seeds from an apple you liked. If you plant these seeds, will you be able to produce apples true-to-type of the original apple? Why or why not?

3. (5 points) Put letter A (for low feeder) or B (for high feeder) by the following plants according to their nutrient needs.
 Carrots
 Shallots
 Kale
 Sweet potato
 Tomato
 Broccoli

4. (2 points) What are the best methods for determining how much fertilizer to use on a garden?

5. (6 points) A client has cold, wet soil. List three problems that are likely to occur in his garden.

What could you recommend to help alleviate these problems? Give three examples:

6. (1 points) (*Circle*) True or False: Working in your own garden qualifies as volunteer hours towards recertification?

7. (3 points) If an Extension publication (e.g. EC 1503) recommends applying 2 pounds of 16-20-0 fertilizer per 100 square feet, how many pounds of fertilizer would you put on a 20' x 15' garden?

8. (2 points) How can a gardener increase soil pH? How can he/she decrease it?

9. (8 points) Match A, B, or C with the following herbaceous plant to its correct category.

_____ California fuchsia	A. Annual
_____ Foxgloves	B. Biennial
_____ Purple coneflower	C. Perennial
_____ Sweet pea	
_____ Sunflower	
_____ Rudbeckia	
_____ Pentstemon	
_____ Sweet William (Dianthus)	

10. (3 points) What are the three types of stem cuttings?
11. (2 points) What symptoms and signs would give clues about which insect is the cause of plant damage?
12. (4 points) Describe briefly the steps needed to create a new garden space.
13. (4 points) List three or four reasons why you would want to prune your plants.
14. (3 points) Name at least three factors in your garden environment to consider when choosing plants.
15. (2 points) What is a good way to build soil fertility while protecting your soil from leaching and compaction during the winter rainy season?
16. (2 points) What is the difference between deadheading and disbudding?

17. (1 point) When visiting a relative in southern California, you brought home some woody plants from her yard. What is one potential problem you may have when transplanting them into your yard?
18. (6 points) In the method known as “Interplanting” such as in the Native American traditional three sisters garden, each plant provides something that is useful to the others in the garden. For each of the three plants, match it to the benefit it provides to at least one other plant in the garden.
- _____ Spreads over and shades the ground, thereby inhibiting weed growth and regulating solid temperature and moisture.
- _____ Is able to provide nitrogen to the soil, and for the other plants (because of its relationship with nitrogen-fixing bacteria.
- _____ Provides a vertical scaffold on which vining and climbing plants can grow.
- A. Beans B. Corn C. Squash
19. (3 points) What are some of the main factors to consider when choosing a woody plant *for your landscape*.
20. (5 points) What do the initials “IPM” stand for and what are the 4 main categories of methods used?
21. (3 points) What are three cultural practices that will increase a lawn’s longevity?

22. (1 point) Why should you not plant small fruits where tomatoes, peppers, or eggplants were planted before?
23. (3 points) Plant identification is important for several reasons. List three of them.
24. (4 points) Rats and mice can either be killed with poison baits or trapped. What are 2 advantages and 2 disadvantages of each method?

25. (4 points) Organically and synthetically derived fertilizers have a few important differences. Match the following characteristics with its appropriate fertilizer type.

A. Organic Fertilizers

B. Synthetic Fertilizers

_____ Breaks down quickly after application, nutrients are available to plants almost immediately.

_____ Nutrients are delivered to the plant relatively slowly, and nutrient release requires biological/chemical processes to break down & release nutrients.

_____ Requires little or no processing in a factory.

_____ Nutrient content (especially nitrogen) is relatively high

26. (3 points) What are two of the site selection factors that should be considered when growing grapes and berry crops?
27. (1 point) When should summer-bearing raspberries be pruned?
28. (1 point) What is thatch?
29. (3 points) If a client brings in an invertebrate found in the house, how would you proceed to identify it and to help the client manage the problem?
30. (2 points) Why does compost need to “cure” before being applied to a garden?
31. (1 point) What are some kinds of manure that never should be used in a compost pile?
32. (3 points) Signal words give an idea of the relative toxicity of a pesticide. What are the signal words and what are their relative toxicities?
33. (4 points) List four ways that weeds are dispersed.

34. (2 points)

A Master Gardener Hotline caller wants to make compost with yard debris. Which of the following would you recommend to put in their compost?

_____ tomato vines with late blight

_____ chopped corn stalks

_____ lawn clippings

_____ diseased rose leaves

_____ potato peelings

_____ bacon fat

_____ sod

Volunteer Reporting System (VRS) Information Sheet
 To report your hours online, go to the following address:
<http://extension.oregonstate.edu/mg/vrs>

Category	Code	Project Category Name	Clatsop Project Examples
OUTREACH	BP	Beautification Project	Discovery Garden, Rain Garden Prep & Planting, Tree Planting Project with Pacific Power
	CG	Community Garden	
	DG	Demonstration Garden	Demo Garden Workdays
	EC	Educational Conference	Spring Garden Seminar
	ESS	Educational Seminar Series	Diggin' the Dirt
	GT	Garden Tour	
	GRE	Greenhouse	
	OTH	Other (Describe)	Fuchsia Day, Ivy Pull, Necanicum Bird Day
	OG	Other Garden	Pet Friendly Garden
	EO	Plant Clinic	Extension Office Info Line, Ask an Expert
	FM	Plant Clinic in Farmer's Market	Astoria Farmer's Mkt Plant Clinic, River People Mkt Plant Clinic
	MGE	Plant Clinic in Master Gardener Event	
	OV	Plant Clinic in Other Venue	Fair Booth @ Demo Garden
	PS	Plant Sale	KMUN Plant Sale
	PUB	Publicity/Communication	
	SG	School Garden	Growing Healthy Kids
	SB	Speaker's Bureau	Speak @ function, Mini College Presenter/Display
YP	Youth Project other than School Garden	Scholarship Committee, 4-H Fair Help in Hort.	
TRAINING	CE	Continuing Education	Classes, Mini College, Advanced Trainings <i>(Log in as Continuing Ed Hours, NOT VOLUNTEER HOURS)</i>
SUPPORT	OMGA	OMGA and Chapter Board Meetings	(1) one-hour allowed per meeting, Nomination Committee, Historian, Graduation
	OFF	Office Support	Help w/MG Newsletter Mailing
	MEN	Mentor	
	INS	Instructor	

REQUIREMENTS

Trainee	Certification	Veteran
12	<i>Hours at Extension Office Info Line or Sunday Market MG Booth *</i>	6
48	<i>Hours at any other MG approved project</i>	14
60	TOTAL	20



Master Gardener Trainees must complete classes in current series.



OR

12 hours of continuing education from the following for **recertifying veterans:**

- (4) three-hour classes from the current training series
- Attendance at approved advanced training
- Attendance at Mini-College programs which have been approved for Recertification

Complete Recertification Quiz, due June 1

* Veterans Only:
 You must contact the MG Program Coordinator if other arrangements need to be made for those required hours.

