

## *2010 Annual Report of the OSU Master Gardener Program*

### **1. Program Name and Key Personnel**

Program title: OSU Extension Master Gardener™

Name of working group: Home and Community Horticulture

Key faculty and staff, phone number(s), academic department(s), campus or county:

\*\* denotes faculty/staff changes during the 2010 calendar year

† denotes new county Master Gardener Program, for 2010

Gail Langellotto, (541-602-5175), Horticulture, Statewide Coordinator

Patty Driscoll, Horticulture, Statewide Program Assistant

Sam Angima, Agent, Staff Chair, Ag/MG, Lincoln County

Neil Bell, Agent, Horticulture, Marion and Polk Counties

Chip Bubl, Agent, Staff Chair, Agriculture/Horticulture, Columbia County

Steve Castagnoli, Agent, Tree Fruits/Horticulture, Hood River County

Brian Charlton, Agent, Ag/Crops/MG, Klamath County

Mary Corp, Agent, Agriculture/MG, Umatilla County

Janice Cowan, Agent, 4 H/MG/ Horticulture, Baker County

Elizabeth Daniel, MG Program Assistant, Hood River County

†Maxine Day, Agent, Staff Chair, Agriculture, Grant County

Amy Jo Detweiler, Agent, Horticulture, Deschutes, Crook, Jefferson Counties

\*\*Steve Edwards (left program in 2010), MG Program Assistant, Deschutes, Crook, Jefferson Counties

\*\*Katie Etienne (hired in 2010), MG Program Assistant, Coos County

Barbara Fick, Agent, Horticulture, Benton and Linn Counties

Beret Halverson, Metro MG Program Assistant, Multnomah, Clackamas, and Washington Counties

\*\*Clint Hett (left program in 2010), MG Program Coordinator, Union County

Joy Jones, Agent, Ag/4-H/MG, Tillamook County

Lynn Long, Agent, Ag/Hort/MG, Wasco County

Linda McMahan, Agent, Chair/Ag/Hort, Yamhill County

Gail Miles, MG Program Coordinator, Polk County

Weston Miller, Agent, Hort/MG, Multnomah, Clackamas and Washington Counties

Shelley Palmer, MG Program Assistant, Curry County

Ross Penhallegon, Agent, Ag/Hort, Lane County

\*\*Kim Phillips (left program in 2010), MG Program Assistant, Coos County

Steve Renquist, Agent, Ag/Hort, Douglas County

Bob Reynolds, Hort. Instructor/MG, Jackson County and Josephine County

Linda Renslow, MG Program Assistant, Lane County

\*\*Sandra Rohne (left program in 2010), MG Program Coordinator, Clatsop County

Kristy Weidman, MG Program Coordinator, Klamath County

Jordis Yost, Metro, Multnomah, Clackamas, and Washington Counties

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### **2. Description of the program**

OSU Extension Service Master Gardener™ volunteers expand Oregon State University's ability to reach and assist the citizens of Oregon. After receiving extensive training from OSU Extension Service faculty, Master Gardeners are certified to provide non-biased, science based information to citizens who are seeking a diagnosis, advice or information on a plant, garden or home horticultural issue. The title "Master

Gardener" (which was trademarked by Oregon State University in 2001 to preserve the title's integrity) is recognized by Oregonians to identify a knowledgeable advisor who represents Extension and Oregon State University. For many Oregonians, the Master Gardener program provides a window to the services and activities of Extension and Oregon State University.

When the Master Gardener program began in the mid-1970's, its focus was primarily directed at diagnosing plant problems and offering solutions. While still a major focus, Extension faculty and volunteers working in the Master Gardener program also develop and deliver a variety of educational programs that address critical issues in the community. These programs include: least toxic and integrated pest management, water quality protection, yard waste management and composting, sustainable landscaping, organic gardening, waterwise and fire resistant gardens and adaptive gardening. Master Gardeners are encouraged to find educational opportunities, or to help plan and develop outreach activities and programs, that will help extend Oregon State University's education mission more effectively to all Oregonians.

Currently, the Master Gardener program has a presence in 29 of Oregon's 36 counties (see 'Geographic Extent of the Program', for more information), and at least 4,674 Master Gardener volunteers (Table 1). After completing the 9-12 week training period, the volunteers are much more aware of Oregon State University, its Extension Service, the College of Agricultural Sciences, and how they all tie together to provide extended education to the citizens of Oregon. Very little advertising is necessary to attract new applicants each year. In fact, many counties maintain waiting lists for their annual Master Gardener training course.

In 2010 the program was in the able hands of 29 Extension faculty and program assistants, although there was staff turnover during the year. OSU Extension faculty and staff in each county or group of counties directed their efforts toward recruiting, training, and managing the activities of their trained volunteer staff. While the Master Gardener program requires adept managerial skills and high input by county Extension faculty and staff, the investment can result in substantial dividends. For example, the service provided and the public contacts made by Master Gardener volunteers amplify the ability of Extension faculty and staff to provide service in their community (Table 2). This embodies the historical foundation of the Master Gardener program: to provide a staff of trained volunteers who can extend knowledge and assistance to more people and through more channels than would be possible by Extension faculty and staff, alone. The interaction between Master Gardener Extension faculty and staff and Master Gardener volunteers thus puts meaning in the term "extended education".

The value of the Oregon Master Gardener program can be examined in several ways to gain a perspective of the importance it plays in OSU Extension's community horticulture educational efforts. First, the program is one of Extension's most popular volunteer management programs, as measured by the number of new volunteers who seek entry each year (855 trainees in 2010), as well as by the number of volunteers who elect to remain in the program for succeeding years (3,136 veterans in 2010). Second, a measure of the need for the program can be seen in the number of people who come to the Master Gardeners for information and advice (i.e. public contacts). Finally, a FTE (full-time equivalent) monetary value can be determined, based on the hours that the volunteers donate to the program.

In **2010** there were at least **3,991 active Master Gardeners** who made at least **185,580 public contacts** and donated at least **204,818 hours** to the program. The hours donated to Extension by Master Gardener volunteers resulted in approximately **100 FTEs** for Extension (calculated as hours donated divided by 40 hours\*52 weeks=2040 hours worked by 1 FTE). This translates into a dollar value of **\$4,374,912** (calculated as hours donated multiplied by \$21.36, the dollar estimate per volunteer hour for 2009<sup>1</sup>).

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<sup>1</sup> [http://www.independentsector.org/programs/research/volunteer\\_time.html](http://www.independentsector.org/programs/research/volunteer_time.html)

On average, 76% of the 855 Master Gardener trainees who enrolled in on-site Master Gardener trainings completed their volunteer service obligation. However, the range of trainees completing service (30% to 100%; Table 1) across programs was quite large. On average, 61% of the 3136 veteran Master Gardeners chose to recertify in 2010, although the percent of veterans who recertified varied substantially across county or regional programs (29% to 100%; Table 1).

**Table 1.** Training and retention of OSU Master Gardener volunteers in 2010.

County	Course Cost Per Trainee‡	Master Gardeners			Trainees Completing Service (%)	Veterans Recertified (%)
		Trainees	Veterans	Total		
Baker	120	7	3	10	NR	100
Benton	80	19	90	109	89	47
Central Oregon*	245	33	72	105	72	97
Clatsop	45	18	127	145	67	29
Columbia	20	30	42	72	30	29
Coos	120	23	50	73	74	92
Curry	145	14	57	71	79	51
Douglas	90	46	280	326	70	NR
Grant	170	8	3	11	NR	33
Hood River	70	19	60	79	79	92
Jackson	175	73	373	446	84	34
Josephine	70	48	184	232	81	32
Klamath	145	24	36	70	100	100
Lane	150	74	290	364	62	65
Lincoln	165	24	119	143	54	32
Linn	80	27	40	67	93	50
Marion	70	35	171	206	77	49
Portland Metro**	315	203	787	990	63	50
Polk	70	16	136	152	81	40
Tillamook	70	19	94	113	89	56
Umatilla	85	7	14	21	100	100
Union	NR	NR	NR	NR	NR	NR
Wasco	60	21	33	54	86	100
Yamhill	90	30	75	105	50	69
Statewide***	390	***37	N/A	***37	***84	N/A
<b>TOTAL or MEAN ± SE</b>	<b>\$126.67 ± 0.39</b>	<b>855</b>	<b>3136</b>	<b>3991</b>	<b>76 ± 0.19</b>	<b>61 ± 0.24</b>

NA=Not Applicable. Master Gardener trainees who receive training through the online Master Gardener course go on to become certified OSU Extension Master Gardeners and active veterans through their local county Extension office.

NR=Not Reported. No report was received for the 2010 reporting year.

\*Central Oregon includes Deschutes, Jefferson and Crook counties

\*\*Portland Metro includes Multnomah, Clackamas and Washington Counties

\*\*\*Individuals trained through the Statewide Master Gardener Program enrolled in the online Master Gardener course. The percent of trainees completing service, for the statewide program, represents the percent of students that passed the final exam and moved on to continue their volunteer service practicum under the guidance of their local Extension office.

‡Not including the cost of the Master Gardener Handbook, which is an additional \$30 per student

It is important to note that recertification is not necessary to remain an active Master Gardener. Instead, recertification is required only for those Master Gardeners that serve in Plant Clinics or in another venue where they will be delivering a diagnosis or recommendation to those seeking advice for a home horticultural problem. Nonetheless, although recertification is not required, attendance at classes or other events that qualify for recertification credit helps to foster an informed and current corps of volunteers.

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The range of hours donated by Master Gardener volunteers varied by county or regional program (Table 2). In 2010, Master Gardeners across the state donated an average of 59 hours of their time and helped to serve an average of 74 clients.

**Table 2.** OSU Master Gardener: Volunteer Service and Public Contacts in 2010

<b>County</b>	<b>Hours of Volunteer Service</b>	<b>Number of Public Contacts</b>	<b>Mean Hours of Volunteer Service Per Master Gardener</b>	<b>Mean Number of Public Contacts Per Master Gardener</b>
Baker	851	894	85	89
Benton	8034	8500	74	78
Central Oregon*	8668	5454	83	52
Clatsop	3181	4332	22	30
Columbia	1500	2680	21	37
Coos	6909	3465	95	47
Curry	3581	2982	50	42
Douglas	18536	6710	57	21
Grant	10	10	1	1
Hood River	4527	7792	57	99
Jackson	17473	28049	39	63
Josephine	12500	10275	54	44
Klamath	2900	1900	48	27
Lane	13450	18990	37	52
Lincoln	8347	1803	58	13
Linn	8034	8500	120	127
Marion	13620	3517	66	17
Portland Metro**	43051	36828	43	37
Polk	9710	2723	64	18
Tillamook	5441	4531	48	40
Umatilla	1731	13070	82	622
Union	NR	NR	NR	NR
Wasco	4075	3739	75	69
Yamhill	8689	8836	83	84
<b>TOTAL or MEAN ± SE</b>	<b>204,818</b>	<b>185,580</b>	<b>59 ± 0.32</b>	<b>74 ± 0.41</b>

\*Central Oregon includes Deschutes, Jefferson and Crook counties

\*\*Portland Metro includes Multnomah, Clackamas and Washington Counties

### 3. Geographic Extent of the Master Gardener Program and Master Gardener Associations

In 2010, Master Gardener programs were active in 28 of Oregon's 36 counties (Baker, Benton, Clackamas, Clatsop, Columbia, Coos, Crook, Curry, Deschutes, Douglas, Grant, Hood River, Jackson, Jefferson, Josephine, Klamath, Lane, Lincoln, Linn, Marion, Multnomah, Polk, Tillamook, Umatilla, Union, Wasco, Washington and Yamhill). During this time, the program did not have an active presence in Gilliam, Harney, Lake, Malheur, Morrow, Sherman, Wallowa or Wheeler counties.

A total of 24 Master Gardener associations, which are separate non-profit entities from the OSU Extension Master Gardener program, were active in 2010. The Oregon Master Gardener association and its local chapters work to enhance and supplement the Oregon State University home horticulture program, by assuming responsibility for performing special tasks and engaging in continuous activities related to the program, promoting the wide dissemination of information available as a result of University study and experimentation and working with other gardening organizations to enhance gardening in Oregon, when appropriate.

Master Gardener associations contribute logistical support to their local Master Gardener program. Special events, such as the Central Oregon Master Gardener association's Spring Seminar and the Curry County Master Gardener association's Garden and Art tour are organized by association members, with guidance from program faculty and staff. However, the bulk of the planning and preparation is completed by the association and its members.

Association members pay dues to the Oregon Master Gardener Association, (OMGA), which is a statewide 501(c)(3) non-profit, as well as to their local association. Dues paid to OMGA and to Master Gardener associations are used to finance the activities of the associations, and may in part be used to contribute financial support to their local Master Gardener program and to their community (see section 10, Extramural Funding). However, OSU Master Gardener volunteers are not required to pay dues to the OMGA or their local chapter in order to be active in the OSU Master Gardener program. Furthermore, some counties, such as Baker and Union counties, have active Master Gardener programs that are not supported by Master Gardener Associations.

Beyond state borders, the OSU Master Gardener program has a national and an international presence. For example, counties that border California and Washington count individuals from these states as active Master Gardeners in their program. In addition, the 2010 offerings of the online Master Gardener course included students from 16 US states, (AZ, CA, CO, KY, LA, MA, MD, NC, NV, NY, OH, PA, TN, UT, VA, WA) and 1 country (Canada).

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### 4. Flagship Programs and Actions

In December 2008, the Home Horticulture Working group met in Corvallis, OR, and decided that the two flagship programs of the OSU Master Gardener Program would be **Sustainable Gardening** and **Local and Backyard Food Production**. These areas have always been a focal point of Master Gardener trainings and service, and having formally decided upon these programs will help to guide communications about the Program, basic and advanced training opportunities and planned Extension publications.

The following are brief descriptions of these flagship programs, and a few examples of actual services the Master Gardener program is providing to the public.

**Sustainable Gardening:** A ‘sustainable garden’ is defined as one where the gardener is able to meet their needs and expectations, without compromising the ability of future generations to meet their own needs. Lectures, workshops, seminars and Extension publications teach Master Gardeners and others how to adopt and maintain more sustainable gardening practices. Some of the efforts that align with this goal, many of which were initiated in 2010, are listed below.

**Local and Backyard Food Production:** Local and backyard food production contributes to a sustainable food system, greater food security and a nutrient rich diet. Lectures, workshops, seminars and Extension publications teach Master Gardeners and others about the various aspects of vegetable gardening and fruit production in a private or community garden. Some of the efforts that align with this goal are listed below.

McMinnville Garden at the Salvation Army: In 2010, Yamhill County Master Gardeners continued to volunteer at and help coordinate the McMinnville Community Garden, which serves food-stamp eligible community members through the Salvation Army. Master Gardeners teach gardeners about growing food, including a 4-H program associated with the garden, and assist in growing food directly for the food bank.

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## 5. Notable Events in 2010

The Master Gardener program saw many new initiatives, developments and challenges in 2010. A few of these are listed below:

Closure of the Lane County Extension Office and Formation of Tax Service District in Polk County:

In 2009, two counties geared up for ballot measures that would provide sustainable or long term funding. Polk County and Lane County citizens considered ballot measures that would result in sustainable or long-term funding for Extension. The citizens of Polk County passed the measure, by a wide margin. Unfortunately, Measure 20-158 was defeated in Lane County, which resulted in the closure of the Eugene office on September 2, 2010.

Planned Gift to the Statewide Master Gardener Program Fund: The Statewide Master Gardener Endowment fund received it’s biggest donation to date, in the form of a planned, estate gift from Clackamas County Master Gardener Sherry Sheng and her husband, Spike Wadsworth. This gift helped to spur additional giving to the fund, from supporters across the state.

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## 6. Program Activities

The components and target audiences of the Master Gardener program are very diverse. Because of this, a number of methods are used by county program managers to extend community horticulture education to their clientele. These methods include the following:

Plant Clinic: Plant clinic takes the form of a phone line, email address, or walk in booth at local Extension offices. Through plant clinic, Master Gardener volunteers provide research-based and unbiased answers to questions from local clients. Plant clinics are essential to the efficient functioning of county Extension offices. Via their service, Master Gardener volunteers relieve the local professional staff of the continual plethora of questions. Plant clinics may also be found at local farmers’ markets,

Master Gardener events (e.g. educational conference, plant sale, etc.) or at other venues. A total of 22 of the 23 Master Gardener programs (excluding the Statewide Master Gardener program) held some sort of Plant Clinic in 2010. Of these, 21 programs (representing 25 counties) held Plant Clinics at an Extension office. A total of 21 Master Gardener programs (representing 25 counties) staffed a plant clinic at a local Farmer's Market or at a Master Gardener event. A total of 19 Master Gardener programs (representing 23 counties) staffed a plant clinic at another venue, such as the state fair, county fairs, garden stores, public libraries and other sites frequented regularly by gardeners.

Demonstration, community and school gardens: Gardens at fairgrounds, city parks, extension offices, and experiment stations, are used to show effective growing methods, new and locally adapted plant varieties, and sustainable garden design. Many demonstration gardens include theme areas, which demonstrate adaptive gardening, vegetable gardening, herb gardens, or children's gardens. Additionally, demonstration, school and community gardens in many counties (e.g. Lane, Yamhill, Lincoln and Coos counties) provide local food-banks with fresh produce during the harvest season.

Conferences, Seminars Talks are used in various ways by Master Gardener programs and volunteers to extend research-based information to those who need advice. Conferences include the Home Garden Seminar (Josephine County), Winter Dreams and Summer Gardens (Jackson County), Insights into Gardening (Benton County), Fall Fling (Polk County), Spring Home and Garden Classes (Tillamook County), Spring Garden Seminar (Clatsop) and Spring Seminar (Central Oregon). These events are day long or multi-day conferences that are organized by Master Gardener Associations, in cooperation with local Master Gardener Program staff. Many Master Gardener Associations hold hour long educational seminars, which are open to the public. These 'brown bag' seminars are often held at lunch, or in the early evening, in order to attract a broad audience. Linn County, Benton County, Lane County, Coos, Curry, Douglas, Jackson and Josephine are a few of the Master Gardener programs that host these seminars. Speaker bureaus have been established in many counties, as means to link Master Gardener volunteers who are willing and able to teach one or more garden-related topics with civic and other organizations who would like to host a presentation. Jackson, Benton, Lane, Douglas, Marion and Columbia counties, as well as the Portland Metro program facilitated speakers bureaus in 2009.

Youth Programs involve students in "hands-on" programs to educate them on gardens and gardening; ultimately empowering them to grow and maintain plants. Several counties have formed partnerships with local public schools to develop demonstration gardens to expose children to the joys of gardening. Some counties are assisting with school greenhouses where students can grow seedlings to use in the school landscape or to plant at home; giving the student an opportunity to take home what he learns and/or grows at school. Other counties have developed partnerships with local community youth programs to extend horticulture education to both the youth and other community members. Counties with active youth gardening projects include Jackson County (Youth Garden Project), Yamhill (Carleton Elementary School), Curry County (Kalmiopsis Elementary School), Lake County (Junior Master Gardeners), Wasco County (4<sup>th</sup> grade gardening classes, 2 week training), Coos County (Cooking and Gardening Day camp), Tillamook County (week long 4-H Gardening camp and projects at elementary, junior high and high schools) and Marion County (school educational program).

Garden Tours and Plant Sales: Master Gardener Associations in Tillamook, Hood River, Linn, Wasco and Curry counties use garden tours as a fundraiser. However, these tours are also educational in nature, and highlight sustainable gardening techniques, unique and inspiring garden design and adapted plant varieties. Many Master Gardener associations also hold plant sales, where they integrate the mission of the OSU Master Gardener Program (education and outreach) with their fundraising efforts. At a plant sale fundraiser for an association, the educational programming should take center stage, as

is the case with 10-minute University at the Clackamas county plant sale or day long seminars at the Lane County bulb sale.

Beautification Projects: Many Master Gardener Programs and Associations work with their local civic organizations on beautification projects. These include Tillamook County (CART'M Recycle Beautification), Marion County (Oregon Garden in Silverton waterwise parking lot plantings) and Yamhill County (City of Newburg Beautification project). Once again, education is paramount in these projects. The Tillamook County CART'M Recycle beautification project demonstrates the reuse and repurposing of discarded items as garden containers. The Marion County project in the Oregon Garden demonstrates how a palette drought resistant and drought tolerant plants can be used to beautify a challenging garden space.

## **2010 Highlights from County Programs**

Baker County: POWDER RIVER CORRECTIONAL FACILITY. Provided instruction and consultation for landscape and vegetable garden activities. Instruction included plant identification, diagnosis of problems, proper cultural practices and general maintenance. The instruction was provided to crews of 10-12 over a three week period. 25th ANNIVERSARY TREE CITY USA, BAKER CITY. Recognition of this award was combined with Arbor Day celebration. It was coordinated by Baker Master Gardeners with the Top Dog 4-H Club, OSU Extension Service and Baker City Tree Board. BAKER COMMUNITY GARDEN. The Baker Master Gardeners were very involved with planning design and development of the new Baker Community Garden. This involvement extended from the preliminary concepts to the planning meetings to the actual gardening. DEMONSTRATION GARDEN. The Rain Garden currently in progress at the Baker County Fair Grounds is the result of coordination between Fair Grounds administration and the Baker Master Gardener Program.

Benton County: Master Gardeners partnered with other community groups to build Willamette Community Garden. Over 2 ton of produce was donated to soup kitchens and other organizations needing produce. One of the new 2010 Master Gardeners, Pat Bedore (retired school superintendent) obtained \$ 25,000 from Albany Samaritan Hospital Foundation for the Albany Learning Project to put sustainable gardens at Albany schools. Two gardens are up and running currently. Clinic boxes were created for Lebanon and Sweet Home for use at Farmer's markets in those communities.

Central Oregon: Central Oregon Master Gardeners managed a new community garden in Bend called Northwest Crossing Community Garden. In this role they assisted with the development and management throughout the season. The location of the new garden is quite challenging and they were able to assist the new gardeners to be successful. They will continue in this role for 2011. They also conducted a series of in-depth surveys for some of their existing projects. This is the first time an evaluation like this has been done for Master Gardener projects in Central Oregon. Those surveys done to date have been very informative and will help them to define and improve their outreach to the community. The Central Oregon Master Gardeners were also very successful in presenting their spring garden seminar and bi-weekly gardening spots on the local cable tv show, 'Good Morning Central Oregon'.

Clatsop County: Clatsop County Master Gardeners manned plant clinic tables at the local Sunday Market on a weekly basis for 23 weeks. Master Gardeners continued their participation in community gardens, and cooperated with OSU Extension Nutrition Educators to deliver the Growing Healthy Kids Program. New programs for 2010 include the Heritage Tree Project, participation in the Astoria Ivy Removal Day, Fuchsia Day at Fred Meyer, Bird Discovery Day. Master Gardeners



continued to manage demonstration gardens, plan the and deliver the Spring Garden Seminar, and man plant clinic tables at the Extension office.

Columbia County: Master Gardener trainees from the class of 2010 are focused on projects in the Vernonia community. These projects included: beginning of a community garden on city owned land; helping families whose homes had to be raised six feet due to past flooding to renew their landscapes, staff with the agent a plant clinic at a local community arts fair held each first Friday from May-October; developed a compost education booth for the fall salmon festival; and assisted with many other smaller projects in a town that is renewing itself after the floods of 1996 and 2007.

Veteran Master Gardeners in Columbia County continued their active participation in community gardens in Scappoose, St. Helens, and Rainier. Much of the produce harvested was donated to local food banks. Master Gardeners also provided modest assistance for the first Sheriff's Department jail garden. All produce from this garden was donated to the Columbia Pacific Food Bank. Weekly plant clinics continued at the Scappoose Farmers market, from June through September.

The Columbia County Master Gardener Program also hosts a weekly radio show on gardening, authors twice monthly gardening articles in two local newspapers and fielded requests in the last quarter of 2010 for articles from two other local papers. The Program also authors articles in the gardening/small farms newsletter, which goes out to 1000+ families in the county.

Columbia County Master Gardeners hosted one local program on vegetable growing, conducted educational outreach with the Sauvie Island Farm Foundation and Metro to teach grade school classes on growing food and the ecology of the farm. The Program provided assistance to the Scappoose Bay Watershed Council on their greenhouse growing program for native plants, that will be used in restoration projects.

Master Gardeners continued educational programming in the Clatskanie School District on gardening. This program is targeted at elementary youth, and is delivered in conjunction with the Expanded Food and Nutrition Project.

Master Gardeners hosted a pruning demonstration at the demonstration garden at the Fairgrounds. This was attended by 50 people. A grafting workshop at the Extension office attracted 25 people (limited by space). Master Gardeners cut and sold almost 6,000 feet of row cover to local gardeners, and continued to maintain the demonstration garden at the Fair Complex (visited by about 1000 people during the five days of county fair). Columbia County Master Gardeners put on the Spring Fair which attracted over 1000 people and netted about \$3,000 to be used for educational outreach activities. The Master Gardener chapter meetings had an excellent speaker series that reached Master Gardeners, as well as a few people from outside of the Master Gardener group.

Coos County: Coos Master gardeners collaborated with other extension programs, taking an active role in the annual MASTER GARDENER TRAINING. They act as mentors and Renee Blom taught two classes on compost and plant propagation. The Ninth Annual FERTILIZE YOUR MIND SEMINAR is a joint effort with Oregon State Extension service that was attended by 106 people who provided a high-evaluation for the keynote presentation by Robert Emanuel, and 12 other presentations focusing on sustainability. GROWIN' YER GRUB SUMMER DAY CAMP is for 124 youth who have completed 3rd, 4th, and 5th grade. Activities include growing and cooking your own food, making crafts and new friends, and swimming. This year the GYG camp is a collaborative project with our OSU Extension partners, Four-H, and the Family Food Educators and teenage counselors that is offered in Coquille and North Bend. Anita Strauss received the Coos Master Gardener of the Year award for her many years of service and encouragement of new Master

Gardeners. The MASTER GARDENER PLANT CLINIC, located at the Oregon State University Extension Office in Myrtle Point, is open twice a week from February through October and once-a-week at the Coos Bay Farmer's Market. Coos MGs participated in many new public events this year, including three Harvest festivals, the South Slough Estuary Conference, several Garden Clubs and the Coos County fair. The MG booth at the Coos County Fair received a blue ribbon this year and 8 MGs provided presentations, and hosted the Plant Clinic table for five days. Fourteen gardening workshops were organized or presented by Master Gardeners, plus the Speakers Bureau reached 263 people at 15 new venues. Master Gardener's Tomato-Rama Plant Sale raised over \$11,000 this year and MGs raised over 4,000 4' pots of vegetables and a variety of landscape plants suited to the coastal climate. Funds are used for educational projects including four garden grants to local schools (\$2,852). Master Gardeners spend time with the children and answer questions about propagation, healthy eating and sustainable environmental practices. Scholarships (totaling \$4000) were awarded in to three high school students that plan to study agriculture, biology, botany, biochemistry, entomology, forestry, horticulture, landscape design or other plant-related fields in college. Many Coos MGs are actively involved in starting and maintaining four community gardens with the South Coast Community Garden Association (SCCGA). The first of these community gardens in Coos Bay, "Lady Bug Landing" donated over 1016 lbs. of vegetables to local food banks. The gardens are also used for children's gardening classes and are self supporting. Publications and media outreach include The Garden Thymes our quarterly newsletter, The Gardener's Pen in the World Newspaper, Coos County Soil and Water Conservation District, two radio interviews, 20 newspaper news releases and a new brochure describing the MG training and all of our projects. .

Curry County: CCMGA continued to expand its involvement with Curry schools, most notably the Little Bear Patch school garden in Brookings, and the Riley Creek Elementary's garden. Also, during the summer, MGs held twice-weekly classes at Little Bear Patch with the children of the KASPER summer rec program in Brookings. MGs served on oversight and planning committees for Gold Beach's Skate Park bioswale project, and City Library's rain garden. MGs also worked with The Stout Park Restoration committee in Brookings; reclaiming the park from invasives and redesigning the open spaces. Participants in Port Orford's new community garden benefited from weekly summer plant clinics staffed by MGs. The annual Coastal Garden & Art Tour in Brookings drew over 300 visitors to area gardens. This is the CCMGA's primary fundraiser. MGs presented programs with WIC (Women, Infants & Children) where participants were taught how to grow salad "bowls", which they were able to take home and tend to. WIC reported last month that all (40+) participants were still growing their salads!

Douglas County: The Douglas County Master Gardener program focused our activities on three main areas. The first area is the plant clinic where we made 2960 contacts helping people in the community. We have four locations where we take questions on gardening from the public. The OSU office clinic, Kruse Farms, Brosi Sugar Tree Farms, and the Saturday Farmers Market. This was the highest number of contacts we have ever had.

The second area of focus in the program is our outreach program. This area focuses on giving presentations in the community and having booths at community events to inform the public of critical issues or important gardening class activities. Within this category we included seminars, classes, and advising gardening projects underway in our county.

The third area of focus was our growing demonstration garden that is now over two acres in size and included a victory garden this year where we produced 2,200 pounds of vegetables for UCAN a foodbank organization in Douglas County. The demonstration garden was the site of community garden classes for youth programs, and a record number of outreach classes by the Extension agent.

Grant County: This was the first year that OSU Extension in Grant County provided Master Gardener Classes. Trainees decided that they wanted to make community gardening the focus of their outreach and education efforts. In their first year, Master Gardeners trainees have developed 4 gardens in 3 communities, and promoted their activities at a local farmers' market.

Hood River: Master Gardeners in Hood River County cooperated with White Salmon High School, to teach and assist students with greenhouse operations. Plants grown through cooperative efforts were used in the Central Gorge Master Gardener Association plant sale. The Japanese Heritage Garden, a part of the Learning Garden demonstration garden at the Hood River County Extension Office, was completed and dedicated. The garden honors and remembers Japanese Americans and their descendants who were affected by the World War II internment camps in Hood River County. Speakers at the dedication included Japanese American descendants and County Commissioners. Over 150 community members attended the emotional and historic dedication. The La Clinica Community Garden became a Hood River County Master Gardener Project. Work in La Clinica involved workshops, site beautification, incorporation of a Junior Master Gardener Program, and working with members of the local Hispanic community.

Klamath County: The Master Gardener program completed its 17th year of training in Klamath County. The training was extended to twelve weeks with a variety of classes and instructors (over 25 instructors participated in the training). In addition to the core classes, the following courses were added: Vermiculture, Gardening with Herbs, Gardening on a Dime, Recycling, Indoor Gardening, Earth Friendly Landscapes and Sustainable Gardening Practices. Trainees and veterans came from Klamath County as well as surrounding areas such as Lake County and Modoc County to participate in the training. The plant clinic at the Extension office was open from mid-May to mid-October—a total of 111 days. In the plant clinic, mentor and mentee pairs assisted over 350 community residents (215 phone calls; 139 walk-ins), answering horticulture questions and conducting and analyzing soil pH tests. Master Gardeners also had plant clinics at the following venues: Migratory Bird Day (Tulelake and Klamath Falls), Alturas Fandango Days, Arbor Day, Tulelake-Butte Valley Fair, and Spring Fair. In addition to the plant clinic, Master Gardeners also spent time doing the following activities: Farm Expo (volunteers gave gardening presentation to hundreds of area fourth graders); Youth Outreach (volunteer conducted a six-week gardening program at an elementary school, working with twenty second graders); Community Garden (volunteers helped area residents establish and maintain garden plots); Gardening Presentations (volunteers gave gardening presentations to local garden clubs, assisted living facilities, diabetes chapters, and area high schools); FFA judging (volunteers helped judge students' projects at annual event); Sky Lakes Healing/Therapy Garden (volunteers continue to maintain the garden, as well as care for the various houseplants throughout the hospital). Most notably, 15 Master Gardeners assisted with the annual Junior Master Gardener summer camp held from June 14-18 at OSU Extension. Nearly 40 children, entering grades 2-6, spent five days learning about the art and science of gardening, as well as how to prepare a variety of homegrown meals and healthy snacks. Each day the camp focused on a different area of gardening and nutrition education. The camp started in 2007 and has become quite successful, continually drawing a diversity of area youth. Currently, Master Gardeners are working to offer a plant clinic during the 2011 growing season at the Saturday Farmers' Market. They are also working with Klamath Union High School to help with the rooftop garden that will assist in teaching high school students about horticulture. Klamath County continues to support the position that oversees the program. This is a small portion, which is why the program coordinator reduced hours from 19 to 10 a week in 2010.

Lane: When the ballot measure that would have provided support for Lane County Extension failed to pass, the Lane County Master Gardener Association Board and many other Master Gardeners went to work brainstorming ways to keep the Master Gardener program viable in Lane County. The Master

Gardeners made a substantial monetary donation to keep the Program running, and then assisted with all aspect of moving. The Extension Agriculture/Horticulture program did not have to pay for any moving expenses Master Gardeners provided labor, vehicles and much time to the effort. Many Master Gardeners also helped to pot up plants from the Extension Adaptive Garden and Beautification project. Many of these plants are in storage for the annual Lane County Master Gardener Association Plant Sale. It is the hard work and support of the Lane County Master Gardeners, along with a grant from USDA NIFA (awarded for a collaborative program with Lane Community College) that the Ag/Hort Program in Lane County was able to survive and continue with the Master Gardener program in Lane County, despite the loss of county funding.

Lincoln County: We successfully started and build two demonstration gardens at Newport and Lincoln City and completed the third demonstration garden we started in 2009 based in Yachats. The Master Gardener Association provided the funds to buy materials and inputs totaling \$5,183 and grants supplied over \$2,000 towards these projects. Through two grants, we installed two solar panel systems one in Newport and the other in Lincoln City to supply electricity for the two green houses that were built. We continued our presence at the farmer's markets in Yachats, Lincoln City and Newport and during special events around the county. Master Gardeners answered over 700 questions this year from the office and through outdoor activities. Class enrollment was lower this year by 17%. Also 60% of those who registered for the new Master Composter program were Master Gardeners

Marion County: Master Gardeners in Marion County continue to provide year-round garden advice through the Extension office. The demonstration garden behind the Extension office is also maintained year-round and in 2010 was used for pruning and beneficial insects workshops. A new Rain Garden was added in 2010. The schools program reached out to over 500 Salem-Keizer first-grade schoolchildren in 2010. Master Gardeners continue to offer direct assistance to Marion-Polk Food Share and added a new project this year to offer technical support to new community gardens in Marion County.

Polk County: The most notable accomplishment of 2010 for the Polk County Master Gardeners was the passing of a ballot measure establishing a Service District to provide funds for the Extension Office. This assures that the Extension Office will remain open and that the MGs will have an office in which to serve the public. The Master Gardeners were instrumental in gathering signatures to get the measure on the ballot and distributing information and signs to inform the public about the measure before the election. The immediate result was that the Extension Office was able to be open five days a week. The Master Gardeners adjusted their hours accordingly by changing back to the Monday, Wednesday, Friday morning schedule. Then the Master Gardeners began to plan new projects, one of which will be advising groups that want to establish Community Gardens. In recognition of the confidence that the public has in put in them, the Polk County Master Gardeners are attempting to increase their availability by holding clinics at more events and inviting well recognized speakers to speak at Chapter Meetings which are open to the public

Portland Metro Area: In 2010, the Metro Master Gardeners contributed over 43,000 volunteer hours toward garden education in the metro area. The outreach includes nearly 37,000 contacts with the general public through plant clinics, garden tours, and other venues. In Clackamas County, 10-Minute University provided short-format presentations to 1821 participants on a wide range of gardening topics. In Multnomah County, we partnered with Metro to staff the Backyard Makeover exhibit at the Oregon Zoo reaching 4800 people. In Washington County, Master Gardeners had 925 total contacts with youth through 4 different school garden projects.

Tillamook County: Tillamook County Master Gardener Association Learning Garden End of Year Report 2010 The soils in a few raised beds were not demonstrating quality characteristics so structure and chemistry was observed and tested. In February seed propagation for a vegetable garden began in the shed. Apprentices were involved in these beginning projects. Initial planning for a complete drip irrigation system also began. Students from the Tillamook Options Program School (T.O.P.S.), also known as the Options Program helped to dig the first trenches. Some shrub pruning, pond maintenance, garden budget education, compost care, weeding, project discussions and getting this year's class acquainted with the garden filled up February and the first part of March. Mason Bees were introduced to the garden in mid March and we will anxiously look for others to emerge next March, as they did lay eggs in a drilled 4x4 which was provided them. The big event for the garden this year was the replacement of the broken below and above ground irrigation system. An instructional day was very well attended and then a few people learned a lot about how to complete the project and they lead and continued to teach the rest of the participants through horribly wet weather and mud in order to produce a quality end product, finally by the end of June. Renting a trencher was an insightful decision that made all the difference to getting this project completed. Also, materials used this time are of high quality which should last a long time. Apprentices brought lots of knowledge, as usual, to support the garden with things like sharpening the chipper blades for the first time in many years and with hand tool sharpening education. New electric wires were safely installed below ground, again because of Apprentice knowledge but also because of strong volunteer spirit. The electricity runs the fountains, irrigation timer and shed lights and outlets. A seminar at the garden in Organic Gardening Basics was taught specifically with the Options students in mind but Master Gardener Volunteers and their guests also attended. Vegetables planted in potting soil bags, straight from the store, was a focal educational display for Fair this year. Also, a "lasagna garden" or composting in layers was on display. Educational handouts were provided to the public for both of these displays. Mini cold frames made from found objects were of great interest to garden visitors. They showed how easy it can be to create cold frames. We learned about the many benefits of growing with shade cloth, we compared bean and tomato varieties and tended to the many maintenance projects that we are used to each year. The Zen bed was given a fancy new look, the shed was given a new door, an office desk, a new stoop, a roof over the stoop and a hand-made rain chain. All tools were moved and organized into the tool shed which was built last year. This should make the main shed more useful for propagation and other educational projects, out of the weather. The pond was thoroughly cleaned for Fair, old plant containers were replaced and, of course, new plants and new plant varieties were added to the displays. Several harvests took place with a total donation to the Tillamook Food Bank this year of 124 pounds. The collection of educational signs placed around the garden increased again this year. They were there for 1250 visitors to read during Fair this year. Before we knew it, the Summer growing season was over and Fall clean-up and Winter soil preparation was completed by the end of October. Many end-of-the-season flowers were taken to Kilchis House and Five Rivers (assisted living and care centers) or donated to the Futures Council Awards event.

Umatilla County: In addition to working in local community gardens and providing produce to various local organizations, as well as involvement in many local Farmer's Markets, the Umatilla Master Gardeners participated in a variety of events: Good Shepherd Hospital Senior Health Event; Altrusa Bazaar; PGG Spring Spectacular; Spring into Summer event; Savory Foods reception at the Betty Feves Memorial Gallery; and Tomato Tasting.

Wasco County: Activities included the spring faire, greenhouse planting project with youth at regional jail, 4<sup>th</sup> grade school program, Junior MG program, Plant Clinic at Extension Office, Plant Clinic at Fred Meyer in The Dalles, Plant Clinic in Maupin, Garden Tour, Bulb Sale and MG Radio spots.

Yamhill County: The 2010 year continued to be a banner one for the cooperative program between OSU Extension, Newberg Public Works and Newberg High School. Cooperatively, the Master Gardeners provide education and assistance (financially and volunteer) for the horticulture program at Newberg High School, encouraged by Bryan Stewart, a certified OSU Master Gardener and Newberg Public Works employee. Through his efforts and those of other Master Gardeners, the program has increased from 13 students to 39 students in 2 years. Many of these students may end up in the Horticulture Program at OSU. Bryan continues to cooperate on a WaterWise Demonstration Garden and Green Roof Kiosk at Newberg Library, and the cooperation has led to numerous horticultural and restoration projects with the Bureau of Land Management.

Also in 2010, the OSU Master Gardeners continued to work at the McMinnville Community Garden, which serves food-stamp eligible community members through the Salvation Army. Master Gardeners teach gardeners about growing food, including a 4-H program associated with the garden, and assist in growing food directly for the food bank.

Plant sales put on by the Yamhill County Master Gardener Association have raised in excess of \$20,000 to fund educational activities within the county. These sales are the February Tree and Shrub Sale and the April plant sale.

**Table 3. Program Activities.**

County	Plant Clinic				Conference, Seminar, Talks			Gardens			
	Extension Office	Farmer's Market	Master Gardener Event	Other Venue	Educational Conference	Educational Seminar Series	Speakers Bureau	Community Garden	Youth / School Garden	Demonstration Garden	Other Garden
Baker	***			***		***		***		***	***
Benton	***	***	***		***	***	***	***	***	***	
Central Oregon*	***	***	***	***	***		***	***		***	
Clatsop	***	***	***		***	***		***	***	***	***
Columbia		***	***	***				***		***	
Coos	***	***	***	***	***	***	***	***	***	***	***
Curry	***	***	***	***		***	***	***	***		***
Douglas	***	***	***	***	***	***	***	***		***	
Grant							***	***			
Hood River	***	***	***	***			***	***		***	
Jackson	***	***	***	***	***	***	***	***	***	***	***
Josephine	***	***	***	***	***	***	***	***	***	***	***
Klamath	***		***				***	***			
Lane	***	***	***	***	***	***	***	***	***	***	***
Lincoln	***	***	***	***			***	***	***	***	
Linn							***			***	
Marion	***	***	***	***							
Metro**	***	***	***	***	***	***	***	***	***	***	***
Polk	***		***	***	***					***	***
Tillamook											
Umatilla	***	***	***	***	***	***		***	***	***	***
Union											
Wasco	***		***	***			***		***		***
Yamhill	***	***	***	***		***	***	***	***	***	
Statewide***					***						
<b>TOTAL</b>											

\*Central Oregon includes Deschutes, Jefferson and Crook counties

\*\*Portland Metro includes Multnomah, Clackamas and Washington Counties

\*\*\*Gardeners Mini-College is the educational conference coordinated by the Statewide Master Gardener program and the Oregon Master Gardener association.

## 7. Media Outreach

Newspaper, TV, Radio: In 2010, outreach via newspaper, television and radio outlets is conservatively estimated to have generated an additional **2,877,600 public contacts**. This number is based upon the newspaper articles reported by Master Gardener programs across the state (where I roughly estimated a readership of 5000 per article), TV interviews (with an estimated viewership of 10,000 per TV spot), and radio spots or radio shows (with an estimated listenership of 200 per radio spot). These are extremely conservative estimates, considering that some of these newspaper columns, TV and radio spots are regular features that have generated a faithful following. A sample of these regular spots include Ross Penhallegon's regular 'In the Garden' television spots on KEZI (<http://kezi.com/greenspace/inthegarden>), Jackson County Master Gardeners' regular television features on 'Scott's Garden on KDRV ([http://kdrv.com/scotts\\_garden](http://kdrv.com/scotts_garden)), the Central Oregon Master Gardeners' regular appearances on the cable television show 'Good Morning Central Oregon', Chip Bubl's weekly 'The Garden Spot' radio program on KOHI (<http://tunein.com/radio/KOHI-Garden-Spot-p227154/>), and Neil Bell's weekly 'Master Gardeners' Question of the Week' column in the Statesman Journal.

**Table 4.** OSU Master Gardener: Volunteer Service and Public Contacts

County	Newspaper	TV	Radio	Estimated Public Contacts Via Media Outreach
Baker	8	0	0	40,000
Benton	4			20,000
Central Oregon*	4	24	1	260,200
Clatsop	10		52	60,400
Columbia	2		52	20,400
Coos	26	0	2	130,400
Curry	33	0	12	167,400
Douglas	15	1	12	87,400
Grant	0	0	0	0
Hood River	7		6	36,200
Jackson	52	56		820,000
Josephine				0
Klamath	5		2	25,400
Lane	35	14	52	325,400
Lincoln	16	2	6	101,200
Linn	4			20,000
Marion	50	1	44	268,800
Portland Metro**	5		3	25,600
Polk	6			30,000
Tillamook	55		160	307,000
Umatilla	10		2	50,400
Union	NR	NR	NR	0
Wasco	5	0	207	66,400
Yamhill	3			15,000
<b>TOTAL or MEAN ± SE</b>	<b>355</b>	<b>98</b>	<b>613</b>	<b>2,877,600</b>

\*Central Oregon includes Deschutes, Jefferson and Crook counties

\*\*Portland Metro includes Multnomah, Clackamas and Washington Counties



Master Gardener Newsletters: In addition, newsletters from most Master Gardener programs were distributed to volunteers on a monthly basis. The Oregon Master Gardener Association produces a newsletter that is distributed to all OMGA members 3 times per year. Based upon the number of Master Gardeners associated with county programs, as well as the frequency of circulation at county and state levels, newsletters resulted in an additional **30,000 contacts** (almost exclusively with current Master Gardener volunteers).

Master Gardener Website: In an effort to increase the visibility and outreach capacity of the program, the statewide Master Gardener program website (<http://extension.oregonstate.edu/mg>) was substantially revised in late 2007. The site went public in 2008.

In 2010, the website was split into two distinct pages. First, information on the <http://extension.oregonstate.edu/mg> website was revised to better serve the public. A Google map was added to show where Master Gardeners work, and what type of work they do, across the entire state. The Ask an Expert widget was added to provide an online link to Master Gardener volunteers, as well as OSU Extension faculty and staff. The site continues to provide information about the program as a whole and has links to individual counties with Master Gardener programs throughout Oregon. An up to date calendar of Master Gardener and other gardening events is maintained on the website.

A second website (<http://groups.hort.oregonstate.edu/group/master-gardener-program>) was developed to better serve the needs of current volunteers, as well as faculty and staff working in the Master Gardener Program. This site contains an online coordinators' manual, volunteer forms, links to the volunteer reporting system, and information on policies and procedures.

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## **8. Recognition of OSU Master Gardener Volunteers and of the OSU Master Gardener Program**

OSU Master Gardener volunteers and programs received several awards in 2010. At the Annual Gardener's Mini-College, the Oregon Master Gardener Association presented the Marje Luce Search for Excellence awards to Central Oregon, Clatsop and Lane Master Gardener Programs and Associations.

OMGA also presented the Behind the Scenes Award to a Tillamook County Master Gardener and the Master Gardener of the Year Award to a Clatsop County Master Gardener.

In 2010, Alan Wenner, Yamhill County Master Gardener, was chosen as an OSU Extension Diamond Pioneer awardee.

The Oregon State University Extension Association (OSUEA) honored Al May, Delores May and Barbara Nichols, all from Polk County, with Cooperator awards. John Say from Central Oregon and Jimmy Roberts from Baker County were also honored by OSUEA with Cooperator awards, as was a Master Gardener from Douglas County.

In addition to our volunteers being recognized, several OSU Extension faculty and staff who work in the Master Gardener Program were recognized with awards, Linda Renslow (Lane County) was chosen as an OSU Exemplary Employee. Kathy Buisman (Lincoln County) was chosen as employee of the month by the Newport, OR Chamber of Commerce. Joy Jones (Tillamook County) and Amy Jo Detweiler (Central Oregon) were honored by the OSUEA with Experienced Faculty awards. Gail Langellotto (Statewide) received a Newer Faculty award.

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## 9. Partners and Cooperators

In 2010, the OSU Master Gardener Program partnered with a variety of partners to expand the scope and reach of the Master Gardener Program. A few of these cooperators are listed below.

- Powder River Corrections Vegetable Garden (Baker County): Powder River Corrections
- Organic Gardening Certificate Program: Oregon Tilth, Portland State University, Metro, East Multnomah Soil and Water Conservation District
- Online Master Gardener Course: OSU ECampus
- Garden Enhanced Nutrition Education: OSU College of Health and Human Sciences; OSU Extension Nutrition Education Program, Oregon Department of Human Services
- Demonstration, Community and Other Gardens: Portland State University (Metro), Hood River Cultural Trust (Hood River), Google (Wasco), Salvation Army (Yamhill), Food for Lane County (Lane), Lincoln County Food Share (Lincoln), Saint Vincent de Paul Kitchen (Josephine), Lettuce Grow (Statewide), Lower Nehalem Land Trust (Tillamook), Hood River Care Center (Hood River), Hood River Library (Hood River), Delbert Arboretum (Polk), Gentle House (Polk), Clatsop County Animal Shelter (Clatsop)
- Community Gardening Classes: Metro Natural Gardening Program
- Media Outlets: KEZI, KDRV, COTV11, KOHI, Statesman Journal

In addition, local businesses across the state often contribute in-kind or monetary donations that are used to complete program and chapter projects to benefit residents of the specific county. Examples of local business support can be seen via the sponsorship of Master Gardener conferences in Benton county and Central Oregon, or the donation of excess plants or seeds for Master Gardener plant sales. The value of these in-kind and monetary donations to Master Gardener chapters has not been assessed on a statewide level.

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## 10. Extramural Funding

In 2010, the Master Gardener Program received at least **\$401,931.65 in extramural funding**. The source of these funds came from cash and in-kind donations from Master Gardener Associations (\$89,850), revenue from class fees (\$206,271), grants in support of Master Gardener programming (\$25,457) and other sources (\$27,506). A breakdown of funds, by county, can be found in Table 4.

In December of 2010, the **total value of the endowment was \$154,446.88**, with an **endowed balance of \$126,150.21** and a **spendable cash balance of \$28,296.67**. From these funds, a pledge of \$10,000 was made to Lane County Extension to help keep the Lane County Master Gardener Program open through at least 2012. The first payment of \$5,000 was made to Lane County Extension in 2011. The second payment of \$5,000 is planned for 2012.

**Table 5.** Funding and fiscal support provided by the Master Gardener Associations, generated from fee-based classes and grants, as well as received from other sources in 2010. NR = Not Reported.

County	Financial Support from Master Gardener Associations (US\$)		Revenue Generated from Fees (US\$)			Grants Received in Support of Programming (US\$)		Other Funds Received (US\$)	Total (US\$)
	Cash Donations	In-Kind Donations	Master Gardener Training	Community Classes	Other Sources	Internal Grants	External Grants	Other	
Baker	NA	NA	1415	525					1,940.00
Benton							25000		25,000.00
Central Oregon*	1000		9600					150	10,750.00
Clatsop	1225		810			100			2,135.00
Columbia	3000		600	300	400				4,300.00
Coos	425		1950					2425	4,800.00
Curry	660		2175	200					3,035.00
Douglas	3000	0	5500	1500	0	0	0	29,000	39,000.00
Hood River									NR
Jackson									NR
Josephine									NR
Klamath	1500		4300						5,800.00
Lane	21394	500	8596	8100	1000	5000	39000		83,590.00
Lincoln	4236	947	4290				500		9,973.00
Linn							25,000		25,000.00
Marion	915		3500						4,415.00
Metro**	3000		54000					70,000	127,000.00
Polk			1600	4750					6,350.00
Tillamook			950	1300					2,250.00
Umatilla	200	500	935						NR
Union	NA	NA							NR
Wasco	0	0	3780	0	0	0	0	2,500	6,280.00
Yamhill	1120		2340	300					3,760.00
Statewide***	13,063.65		23,490						36,553.65
<b>TOTALS</b>	<b>54,738.65</b>	<b>1,947.00</b>	<b>129,831.00</b>	<b>16,975.00</b>	<b>1,400.00</b>	<b>5,100.00</b>	<b>89,500.00</b>	<b>104,075.00</b>	<b>\$401,931.65</b>

NA: Baker and Union Counties do not have Master Gardener associations and thus are not in a position to receive fiscal support from an association.

\*Central Oregon includes Deschutes, Jefferson and Crook counties

\*\*Portland Metro includes the Multnomah, Clackamas and Washington County Master Gardener Associations.

\*\*\*Master Gardener trainings delivered online.

## 11. Summary

The OSU Master Gardener program had another year of successes and innovations in 2010. Active programs and associations across the state worked to educate Oregonian's about the art and science of all aspects of sustainable gardening. Educational conferences and seminars allowed Master Gardener volunteers to expose large segments of the general public to an array of gardening topics, while plant clinics in Extension offices and farmer's markets provided the opportunity for one on one interaction, which focused on a specific question or problem of concern to the client. By any measure- be it fiscal (\$4.3 million value of volunteer service), public contacts (185,580 people worked with a Master Gardener in plant clinic or attended a Master Gardener educational program), media exposure (2.8 million additional public contacts via TV, newspaper and radio alone), the number of individuals who elect to become a Master Gardener (855 new trainees, of which 76% completed their service practicum) or the number of individuals who elect to remain active in the program (3136 veteran Master Gardeners, of which 61% recertified in 2010) – the Master Gardener Program represents a huge benefit to Extension, Oregon State University and the people of Oregon.

All that is accomplished in the Master Gardener program would be impossible without the dedication and talents of the 3,991 Master Gardener volunteers who donated a combined total of 204,818 hours to the program. Also essential to the success of the program are the 24 Master Gardener Associations that contributed a combined total of \$54,738 in support of local and statewide programs. As historical sources of funding for Extension have decreased over the years, the volunteer hours and fiscal support of Master Gardeners and associations have allowed the program to flourish at a time when a variety of challenges could have diminished the program. Nonetheless, funding issues continue to challenge the Master Gardener program. Securing a sustainable funding stream for several counties and for the statewide Master Gardener program is essential to maximizing the capacity of the Master Gardener program to train volunteers, develop timely and relevant programs, and work with the citizens of Oregon to promote sustainable gardening practices and backyard food solutions.

**Appendix 1.** Direct Education Volunteer Hours via Plant Clinic. Plant Clinic is the name for the phone hotline, farmer’s market and county fair booths, walk-in desk at the Extension office and other means by which Master Gardeners field and answer gardening questions from the general public. NR = Not Reported.

County	Extension Office	Farmer’s Market	Master Gardener Event	Other Venue	Percent of Volunteer Hours Dedicated to Answering Gardening Questions from the Public
Baker	316	0	10	92	49%
Benton	350				4%
Central Oregon*	1824	355	45	225	28%
Clatsop	265	532	126	16	30%
Columbia		130	140	20	19%
Coos	495	637	101	379	23%
Curry	306	21	3	0	9%
Douglas	2016	550	0	665	17%
Grant					NR
Hood River					NR
Jackson					NR
Josephine					NR
Klamath	870	0	30	40	32%
Lane	350	96	662	400	11%
Lincoln	366	330	90	65	10%
Linn					NR
Marion	1742			250	15%
Portland Metro**	10430	5270			36%
Polk	1300		20	173	15%
Tillamook	716	211	125	123	19%
Umatilla	105	103	127	90	25%
Union					NR
Wasco					NR
Yamhill	1143	454	24	139	20%
<b>TOTAL or MEAN ± SE</b>	<b>22,594</b>	<b>8,689</b>	<b>1,503</b>	<b>32,786</b>	<b>16%</b>

**Appendix 2.** Indirect Education Volunteer Hours at Conferences, Seminars and Speaking Events. NR = Not Reported.

<b>County</b>	<b>Conference</b>	<b>Seminar Series</b>	<b>Speakers' Bureau</b>	<b>Percent of Volunteer Hours Dedicated to Teaching the Public</b>
Baker	0	0	0	0%
Benton				NR
Central Oregon*	465	341	185	11%
Clatsop	761	114	22	28%
Columbia	0	0	12	1%
Coos	150	89	231	7%
Curry	38	22	54	3%
Douglas				NR
Grant				NR
Hood River				NR
Jackson				NR
Josephine				NR
Klamath	0	0	26	1%
Lane	48	474	893	11%
Lincoln	74	27	26	2%
Linn				0%
Marion			225	2%
Portland Metro**	0	35	12	0%
Polk	683	0	0	7%
Tillamook	60	0	44	2%
Umatilla	55	199	16	16%
Union				NR
Wasco				NR
Yamhill	0	110	20	1%
<b>TOTAL or MEAN ± SE</b>	<b>2,334</b>	<b>1,411</b>	<b>1,766</b>	<b>3%</b>

**Appendix 3.** Direct Education Volunteer Hours at Community, School and Demonstration Gardens. NR = Not Reported.

<b>County</b>	<b>Community Garden</b>	<b>School / Youth Garden</b>	<b>Demonstration Garden</b>	<b>Other Garden</b>	<b>Percent of Volunteer Hours Dedicated to Teaching in Gardens</b>
Baker	83	6	53	34	21%
Benton					NR
Central Oregon*	833	47	898	55	21%
Clatsop	25	44	525	66	21%
Columbia	200		400		40%
Coos	327	73	686		16%
Curry	43	731	34		23%
Douglas					NR
Grant	NR	NR	NR	NR	NR
Hood River	NR	NR	NR	NR	NR
Jackson					NR
Josephine					NR
Klamath	30	10	0	0	1%
Lane	2914	104	317	137	26%
Lincoln	159	424	1273	44	23%
Linn					NR
Marion	350	0	3620	0	29%
Portland Metro***	0	0	1984	0	5%
Polk	0	0	1239	538	18%
Tillamook	751	0	1180	231	40%
Umatilla	340	85	328	68	47%
Union					NR
Wasco					NR
Yamhill	832	233	532	68	19%
<b>TOTAL or MEAN ± SE</b>	<b>6,887</b>	<b>1,757</b>	<b>13,069</b>	<b>1,241</b>	<b>11%</b>

**Appendix 4.** Direct Education Contacts via Plant Clinic. These contacts represent of one-on-one interactions between Master Gardeners and the general public, where Master Gardener volunteers answer gardening questions. NR = Not Reported.

County	Gardening Questions Answered in:				Percent of Contacts that were made in Plant Clinic Venues
	Extension Office	Farmer's Market	Master Gardener Event	Other Venue	
Baker	378	0	0	336	79.9
Benton					0%
Central Oregon*	808	454	152	1613	55.5%
Clatsop	170	514	128	26	19.34%
Columbia	25	400	200	275	33.58%
Coos	495	637	101	379	46.52%
Curry	211	80	32	395	24.1%
Douglas					NR
Grant	NR	NR	NR	NR	NR
Hood River	NR	NR	NR	NR	NR
Jackson					NR
Josephine					NR
Klamath	350	0	300	550	63.2%
Lane	4788	508	1855	1165	43.8%
Lincoln	84	146	138		20.4%
Linn	350	NR	NR	NR	NR
Marion	2468	95	105	110	78.9%
Portland Metro***	5663	20875	0	4831	85.2%
Polk	581	0	30	0	22.4%
Tillamook	427	178	350	100	23.3%
Umatilla	37	227	180	12216	96.9%
Union					NR
Wasco					NR
Yamhill	833	887		291	22.8
<b>TOTAL or MEAN ± SE</b>	<b>17,668</b>	<b>25,001</b>	<b>3,571</b>	<b>22,287</b>	<b>36.7%</b>



**Appendix 5.** Indirect Education Contacts at Conferences, Seminars and Speaking Events. These numbers represent the number of people who attended classes offered by Master Gardeners at conferences or seminar series, or via the speakers' bureau where Master Gardeners go out and teach classes as requested by local groups. NR = Not Reported.

<b>County</b>	<b>Conference</b>	<b>Seminar Series</b>	<b>Speakers' Bureau</b>	<b>Percent of Contacts that were made in Classes to the Public</b>
Baker	0	0	0	0%
Benton				NR
Central Oregon*	186	57	90	6.1%
Clatsop	460	400	12	20.1%
Columbia	0	0	80	2.9%
Coos	470	177	263	26.3%
Curry	10	50	74	4.5%
Douglas				NR
Grant				NR
Hood River				NR
Jackson				NR
Josephine				NR
Klamath	0	0	150	7.9%
Lane	0	1218	1130	12.4%
Lincoln	2	0	98	5.5%
Linn				NR
Marion				NR
Portland Metro**				NR
Polk	150	0	0	5.5%
Tillamook	125	0	308	9.6%
Umatilla	55	0	76	1.0%
Union				NR
Wasco				NR
Yamhill	0	99	24	1.4
<b>TOTAL or MEAN ± SE</b>	<b>1,458</b>	<b>2,001</b>	<b>2,305</b>	<b>3.11%</b>

**Appendix 6.** Direct Education Contacts at Community, School and Demonstration Gardens. NR = Not Reported

<b>County</b>	<b>Community Garden</b>	<b>School / Youth Garden</b>	<b>Demonstration Garden</b>	<b>Other Garden</b>	<b>Percent of Contacts that were made in Gardens</b>
Baker	66	53	5	34	17.7%
Benton					NR
Central Oregon*	695	147	90	43	17.9%
Clatsop	25	26	100	406	12.9%
Columbia	200	0	400	0	22.4%
Coos					NR
Curry					NR
Douglas					NR
Grant					NR
Hood River					NR
Jackson					NR
Josephine					NR
Klamath					NR
Lane	6305	1500	150	600	45.1%
Lincoln					NR
Linn					NR
Marion					NR
Portland Metro**					NR
Polk					NR
Tillamook	732	490	1250	170	58.3%
Umatilla	105	25	77	0	1.6%
Union					NR
Wasco					NR
Yamhill	251	451	400	60	13.15%
Statewide					NR
<b>TOTAL or MEAN ± SE</b>	<b>8,379</b>	<b>2,692</b>	<b>2,572</b>	<b>1,313</b>	<b>8.06</b>

**Appendix 6 cont.** Pounds of Produce Donated to Local Food Banks, from Master Gardener Community, School and Demonstration Gardens. NR = Not Reported.

<b>County</b>	<b>Pounds of Produce Donated</b>
Baker	NR
Benton	NR
Central Oregon*	31
Clatsop	NR
Columbia	NR
Coos	1016
Curry	153
Douglas	2200
Grant	NR
Hood River	NR
Jackson	NR
Josephine	NR
Klamath	NR
Lane	60,000
Lincoln	NR
Linn	NR
Marion	NR
Portland Metro**	4152
Polk	540
Tillamook	NR
Umatilla	9117
Union	NR
Wasco	126
Yamhill	NR
<b>TOTAL</b>	<b>77,335</b>