



Master Gardener Program

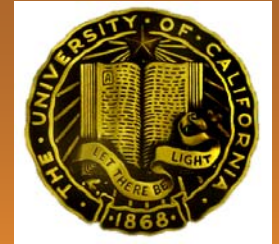
University of California Cooperative Extension

updated 11/08





How it all started...



University of California



1862: Lincoln signs the Morrill Act creating the U.S. Public University System

1887: Hatch Act established Experiment Stations to develop "useful and practical information...and to promote scientific investigations and experiments"

1897: UC created the Department of Extension in Agriculture (renamed in 1913)



1914: Smith-Lever Act provided federal funds for cooperative administration of extension education by the USDA and the state land grant colleges

Master Gardener History

- **1972 - Dr. David Gibby, Washington State University Cooperative Extension Agent and colleague Dr. Arlen Davison, a WSU Plant Pathologist, were overwhelmed with incoming calls from home gardeners**
 - **Established a group of trained volunteers to help and called them Master Gardeners.**
- **1980 – first University of California pilot program in Riverside and Sacramento counties.**
- **1991 – Fresno and Sonoma Counties launch programs**
- **2008 – 43 California Counties have MG programs**
- **Today – programs in 45 states and 4 Canadian provinces.**



California Master Gardeners

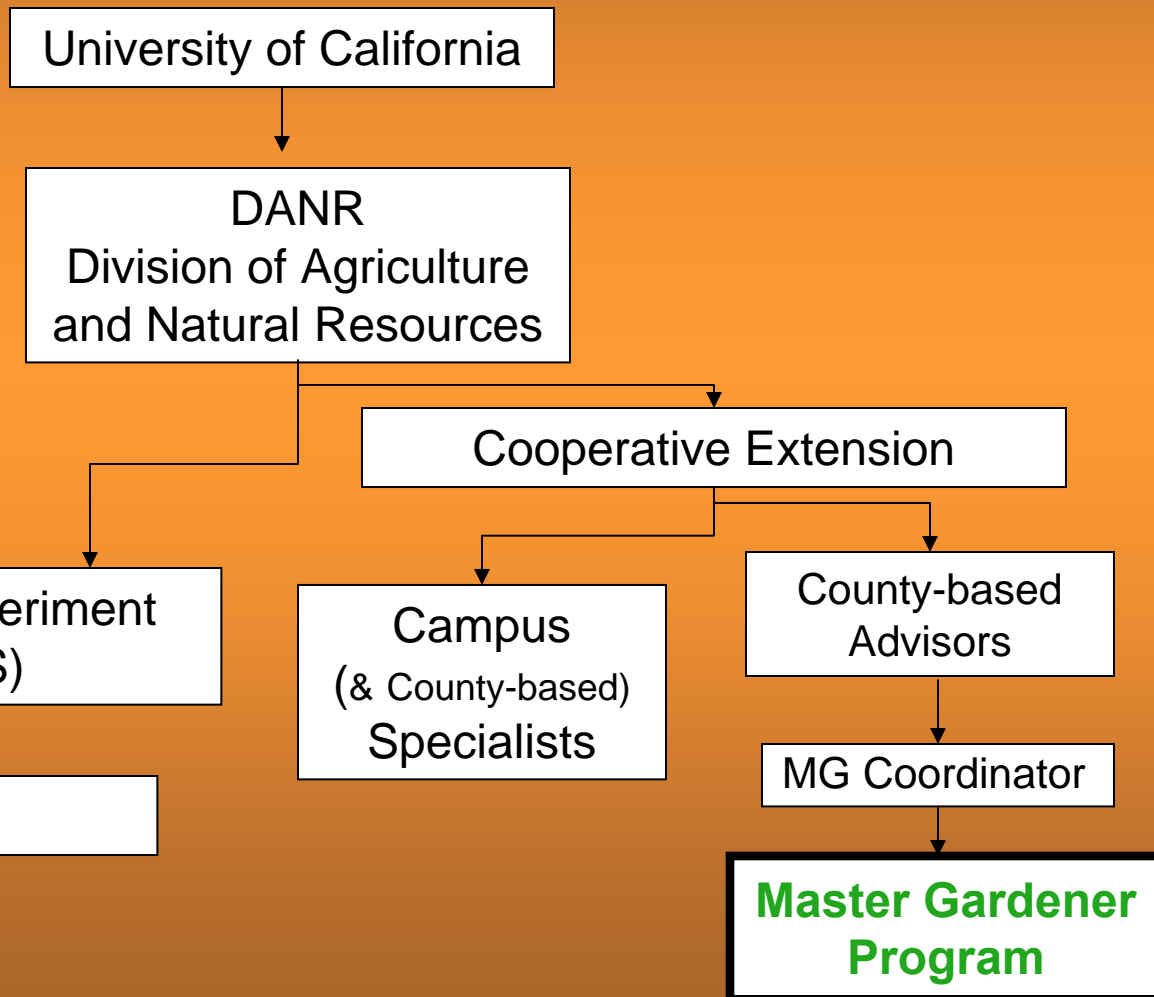


UC ANR Master Gardener Program
Counties, FY 2006-2007

MG Programs serving 43 Counties

- Alameda**
- Amador**
- Butte**
- Calaveras**
- Contra Costa**
- Colusa**
- El Dorado**
- Fresno**
- Humboldt/Del Norte**
- Lake**
- Los Angeles**
- Madera**
- Mariposa**
- Merced**
- Napa**
- Nevada**
- Orange**
- Placer**
- Riverside**
- Sacramento**
- San Bernardino**
- San Diego**
- San Luis Obispo**
- San Mateo/San Francisco**
- Santa Barbara**
- Santa Clara**
- Shasta**
- Solano**
- Sonoma**
- Sutter/Yuba**
- Trinity**
- Tehama**
- Tuolumne**
- Sutter/Yuba**
- Ventura**
- Yolo**

Master Gardener Program



The Master Gardener Volunteer Program

An important outreach and public service unit of (DANR). The MG Program implements the DANR mission to extend research-based information and knowledge to the state's home horticulture clientele.



Each County's Cooperative Extension (UCCE) Office is supported by

- University of California
- US Department of Agriculture
- County Governments



MG Program Administration

- Each MG program is locally administered by UC Cooperative Extension (UCCE) in county offices
- The MG Programs are funded through
 - State and County budgets
 - Course fees & dues
 - Other special / in-kind funding



Master Gardener Program Mission

*Master Gardener Volunteers are
The Go-To-People
For UC research-based home horticulture
information.*

*Teaching sustainable gardening practices for
healthy home and garden.*



Responsibilities of Master Gardener Volunteers

The Master Gardener Program is guided by the core issue of the UC Division of Agriculture and Natural Resources



Master Gardener Responsibilities

- Address the mission of the UC land grant system to extend home horticulture information
- Extend UC research-based information or that which is approved by UC advisors
- Learn about sustainable horticulture and related practices.
- Focus on the DANR Core Issues



ANR Core Issues

- **40 Critical issues identified in 2003**
- **21 Chosen as priority during 2005-2007**
- **8 Issues adopted**
 - **3 High priority**
 - **5 Medium priority**



What are the DANR Core Issues that Relate to the UC MG Program?

- Promote environmentally responsible and sustainable horticultural practices
- Reduce fertilizer and pesticide pollutants
- Protect water quality & quantity
- Waste Management: Compost green-waste
 - To reduce landfill materials and to improve air quality by reduced burning of pruning waste
- Soil Quality
- Invasive Species detection & management
- Wildland Fire Protection



Sustainable Use of Natural Resources



- Healthy Gardens,
Healthy Homes
Program
- Prism Project



Master Gardeners Teach Pest Management (IPM)

- IPM Pest Cards
- Friends & Foes Program

The screenshot shows the UC IPM Online website. At the top, it features the University of California logo and the text 'University of California • Agriculture and Natural Resources'. The main header reads 'UC IPM Online STATEWIDE INTEGRATED PEST MANAGEMENT PROGRAM' with a map of California and the acronym 'UC IPM'. Below the header, there are several sections: 'Search' with a search bar; 'Announcing...' with links to 'Status of Exotics Request for Proposals', '2007 Fungicide Efficacy Tables for fruit crops', and '2006 Highlights annual report'; a paragraph about solving pest management problems; 'How to manage pests' with sub-sections for 'Manage and identify insects, mites, diseases, nematodes, weeds, and vertebrates' and 'Use tools to help make decisions'; 'Educational resources' with links to publications, workshops, and training; and 'Research and IPM' with links to grants, project results, and research tools. The website includes various images of insects, plants, and people working in a field.

University of California • Agriculture and Natural Resources
UC IPM Online
STATEWIDE INTEGRATED PEST MANAGEMENT PROGRAM

Search

Announcing...

- [Status of Exotics Request for Proposals](#)
- [2007 Fungicide Efficacy Tables](#) for fruit crops
- [2006 Highlights annual report](#)

Solve your pest management problems with UC's best information, personalize it with interactive tools, or find out about pest management research and extension projects.

- ▶ [About UC IPM](#)
- ▶ [2006 Annual Report](#)

What's new
In the news
Forms
Site index
Acknowledgments

How to manage pests

Manage and identify insects, mites, diseases, nematodes, weeds, and vertebrates

- ▶ [Homes, gardens, landscapes, and turf \(including Pest Notes\)](#)
- ▶ [Agriculture and floriculture \(Pest Management Guidelines\)](#)

Use tools to help make decisions

- ▶ [Weather data and products](#)
- ▶ [Degree-days](#)
- ▶ [Interactive tools and models](#)

Educational resources

- ▶ [Publications and other materials](#)
- ▶ [Workshops and events](#)
- ▶ [Educational programs](#)
- ▶ [Pesticide use, safety, and training](#)

Research and IPM

- ▶ [Grants programs](#)
- ▶ [Results of funded projects](#)
- ▶ [Research tools and databases: California pesticide use summaries](#)



Water Quality



OVERKILL

Excess pesticides from yard care activities eventually get washed into storm drains and flow directly into our creeks, rivers, bays and ocean.

**PROJECT
Pollution
PREVENTION**

Remember the ocean begins at your front door.

www.ocwatersheds.com
714.567.6363

The advertisement shows a woman in a black blazer and skirt kneeling on a sidewalk, holding a yellow and black striped can of pesticide with a skull and crossbones symbol. A trail of ants is visible on the sidewalk leading to a storm drain. In the background, there is a house and trees.

Speakers' Bureau
BMPs for reduced
pesticide use.



OVERWATERING?

Overwatering your lawn leads to runoff, which can carry litter, pet waste, oil and other pollutants into storm drains. The pollutants then flow untreated into our creeks, rivers, bays and ocean.

**PROJECT
Pollution
PREVENTION**

Remember the ocean begins at your front door.

www.ocwatersheds.com
714.567.6363

The advertisement shows a swimmer in a red cap and goggles swimming in a field of tall green grass. The swimmer is splashing water.

Prism Program



Waste Management



- Mulching & Paving with Recycled Tires

- Recycling Signage Program

Soil Quality



“Master Composter
Program”



Invasive Species



• Diaprepes
Root Weevil Flyer

- MGs wrote a Brochure:
“Don’t Plant a Pest “

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Wildland Fire



“Living in the Forest”
Defensible space training



Master Gardeners Use UC Research-Based Information

UCCE Publications and Websites

<http://homeorchard.ucdavis.edu>

<http://ipm.ucdavis.edu>

<http://camastergardeners.ucdavis.edu>



What is a Master Gardener?

- A MG volunteer is trained by and then acts as an agent of the University of California in extending the university's home horticulture information.
- Master Gardeners work under the direction of county based UC Cooperative Extension Staff.



How To Become a MG Volunteer?

- Complete an application packet, including wavier and history of volunteer experience.
- Once accepted, complete the 50-hour-minimum training program, pass the open book exam and commit to 50 hours of volunteer time over the next year.
- To renew annual certification, complete 12 hours of Continuing Education and commit to 25 hours of volunteer time in that year.

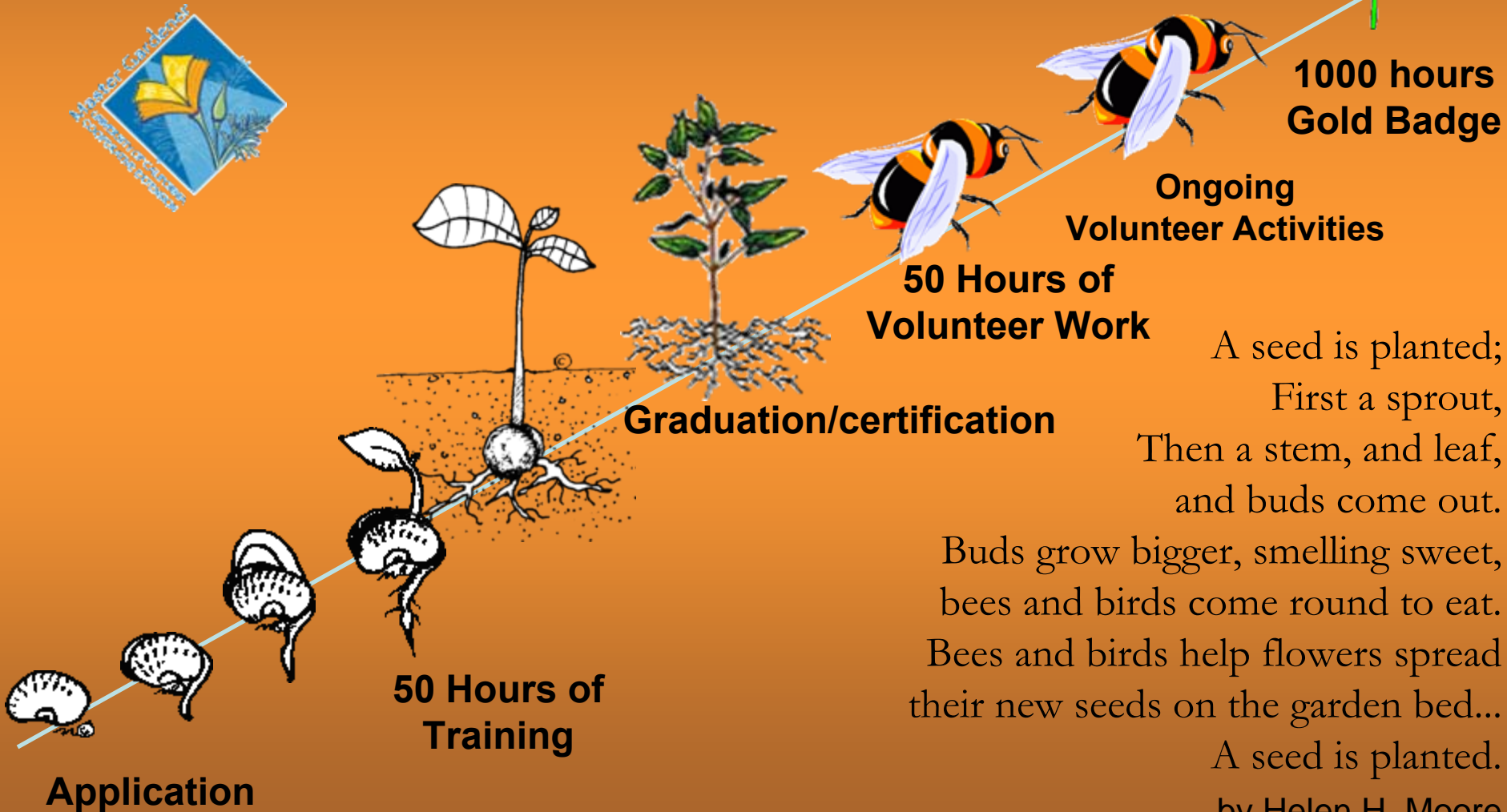


MG Training: Core Subject Matter Includes

- Environmentally sound horticulture practices
- Plant management practices
- Soil and plant nutrition
- Pest identification and management
- Plant problem diagnosis
- Research resources



The Master Gardener Life Cycle



A seed is planted;
First a sprout,
Then a stem, and leaf,
and buds come out.

Buds grow bigger, smelling sweet,
bees and birds come round to eat.
Bees and birds help flowers spread
their new seeds on the garden bed...

A seed is planted.
by Helen H. Moore

The “Perennial” Master Gardener

- **First Year**
 - 50 hour (minimum) of volunteer work
- **Second year and beyond**
 - Annual hours
 - 25 hours of volunteer work
 - 12 hours of education
 - Complete your hours worksheets
 - annual recertification
- **At 1000 hours → GOLD BADGE**



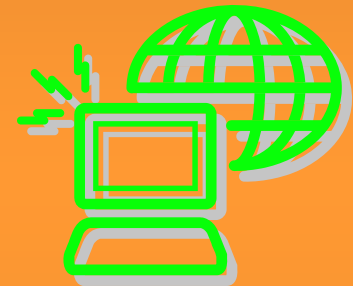
Volunteer Opportunities

- **Staff county office phones**
- **Staff Plant Clinics/talks**
- **Lead/Teach seminars/workshops/demonstrations**
- **Staff information tables at farmers markets, fairs, nurseries**
- **Write newspaper articles**
- **Collect data for UCCE researchers**
- **Distribute UC-published information**



Volunteer Opportunities

The Hotline



Hot Topics

UC Master Gardeners serve the residents of participating counties by disseminating UC scientifically-based information on a variety of topics including IPM (Integrated Pest Management), plant/gardening issues, and water conservation and quality (pollution).



Volunteer Opportunities

- Demonstrations



- Workshops



- Data collection for UC research



Volunteer Opportunities

- Planting and pruning demonstrations



- Staff information tables at fairs and farmers markets



Volunteer Venues

Arboreta



Braille Institutes



Fairgrounds



Communications County & Statewide

Newspaper Articles



Newsletters

UNIVERSITY OF CALIFORNIA
COOPERATIVE EXTENSION

Master Gardeners
Orange County

Gardening Thymes

A Newsletter by and for the
UCCE Master Gardeners of Orange County

June 2006

June General Meeting - Field Trip

The June General Meeting will be held by way of a field trip to three nurseries in the Vista area. We will be visiting **Garden Glories** (Liz Youngflesh), **Mary's Gardens** (Mary McBride), and **Kartz Greenhouses** (rare flowering plants).

If you have not signed up yet, and wish to go on the bus, please contact Jan Tilford. The bus will leave at 8.30 am sharp from the IRWD parking lot. We expect to return at 2.30 pm.

Statewide MG Conference

Growing Your Garden of Knowledge
Jan Mote, MG

Many of us have eagerly awaited word of the 2006 Statewide Master Gardener Conference to be held Thursday and Friday, 5-6 October 5, 2006 at the Hayes mansion in San Luis Obispo, CA.

The wait is over and registration is now open! Information on the Conference, themed "*Growing Your Garden of Knowledge*," can be found in the insert within this month's MG Thymes, or by going to the official Conference web site. You may register by mail or online. <http://camastergardeners.ucdavis.edu>

This conference will provide Master Gardeners with excellent, current information, the opportunity to network with each other, and a chance to celebrate 25 years of the Master Gardener Program in California. There will be optional pre- & post-horticultural conference tours, great keynote speakers, & extensive choices of exciting, relevant classes.

Conference Sales Ideas Needed

Jan Mote, MG

We have the opportunity to "grow" some income for our program by participating in a Master Gardener "Store" at the Statewide MG Conference. BUT - the question is, what shall we sell?

Items suggested so far have been MG license plate frames, T-shirts (theme?), or tool tote bags. Ideally, the item should be easily transported, (someone mentioned

County & Statewide MG Website

Statewide Master Gardener Program Home Page - Microsoft Internet Explorer

Address: C:\Documents and Settings\{DANR Temp}\My Documents\My Pictures\Statewide Master Gardener Program Home Page.htm

UC Delivers | ANR News | Site Map | Search | Enter Search Term Here

Statewide Master Gardener Program

University of California Cooperative Extension

Main Menu

- Master Gardeners Information
- Master Gardener Logo
- MG County Websites
- A Synopsis for California 1980-2006
- How Some Counties Funded a MG Coordinator
- IPM Resources for Master Gardeners
- About Group
- Calendar
- Master Gardener Web Sites

Statewide Master Gardener Program

The purpose of the University of California Master Gardener program is to extend to the public research-based information verified by UC experts about home horticulture and pest management. In exchange for the training and materials received from the UC, Master Gardeners perform volunteer services in a myriad of venues.

The Master Gardener program is an example of an effective partnership between the University and motivated citizens. Because Certified Master Gardeners represent UC Cooperative Extension, they broaden UCCE's client base and sphere of influence.

The Master Gardener program is administered locally by participating county offices of UCCE, the principal outreach and public service arm of the University's Division of Agriculture and Natural Resources.

Calendar

10/29/07	Master Gardener Steering Committee Meeting
11/15/07	Master Gardener Web Committee Meeting
08/18/08	2008 Southern Region Master Gardener Conference
09/24/08	California Master Gardener Conference
03/22/09	2009 International Master Gardener Conference



Annual Events



Home & Garden Show

County Fairs



Garden Shows



Annual Events



Annual Fall Seminars



Educational Opportunities

- Field trips
- Classes
- Lectures
- Regional Trainings
- Workshops



Field Trips



Lotus Land



Ecke Poinsettia
Farm Tour

Hines Nursery Tour



Classes and Lectures

- MG Class lectures
- Garden forums



Pat Welsh



Rosalind Creasy



Social Events



Graduation Party



Annual Master Gardener Tour

Plant Exchange



For more information contact the Statewide Master Gardener Office

<http://camastergardeners.ucdavis.edu>
camastergardeners@ucdavis.edu

530 754-6000



Acknowledgements

Sharon Stolen
Master Gardener Coordinator Orange County

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in San Diego County

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Statewide MG Program Representative

