



## ***Irrigation Management Efficiency and Water Conservation in Nurseries***

**UCCE Santa Cruz Co. Auditorium  
1432 Freedom Blvd., Watsonville, CA 95076  
June 19, 2014                      8:00am – 4:00pm**

**Moderator: Steve Tjosvold**, Farm Advisor, UCCE Santa Cruz and Monterey Counties

*California’s current drought is imposing significant impacts on California agriculture. This program provides basic information and practical solutions for improving irrigation efficiency to make the best use of available irrigation water. There will be morning presentations and an afternoon field trip to various sites demonstrating principles and practices. This statewide program is being supported by a California Department of Water Resources grant.*

Time	Title	Presenter/Topics
<b>8:00am</b>	Registration	Continental Breakfast
<b>8:30am</b>	Introduction and Overview	Steve Tjosvold, Farm Advisor, UCCE Santa Cruz/Monterey Cos.
<b>8:40am</b>	Irrigation Management in Nurseries	Dr. Richard Evans, UCCE Environmental Horticulturist, UC Davis When and how much water to apply in containers and in field soil. What are the options to measure irrigation demand? Understanding salinity and irrigation leaching fraction in containers.
<b>9:25am</b>	Improving Irrigation System Performance	Dr. Ben Faber, Farm Advisor, UCCE Ventura/Santa Barbara Cos. An overview of irrigation systems: sprinkler, micro irrigation and improving irrigation performance.
<b>10:10am</b>	Break	
<b>10:30am</b>	Irrigation Management Technology and Soil Moisture Sensors	Dr. Loren Oki, UCCE Assoc. Specialist in Landscape Horticulture, UC Davis How does a grower start to use sensor technology? How do sensors work and what type of sensors are available? What sensors to use in containers? What to use in field soil?
<b>11:15am</b>	Water Harvesting and Recycling, and NRCS Grants	Rich Casale, District Conservationist , USDA Natural Resources Conservation Service, Capitola, CA.
<b>11:45am</b>	Water Conservation Programs and RCD Grants	Lisa Lurie, Conservation Program Specialist, Resource Conservation District of Santa Cruz County
<b>12:00pm</b>	Lunch and Board Bus	Pick up box lunch and board bus, travel to first tour stop
	Ag-Rite, Watsonville	Field demonstration of water sensors and associated technology (Russel Maridon).
	Travel	
	Terra Sole Nursery, Watsonville	Demonstration of the components of a water harvesting system on a relatively small container plant nursery. The system reduces the nursery’s dependence on well water and increases water conservation (John and Sherry Hall).
	Travel	
	Kitayama Nursery	Early efforts in using irrigation technology with water sensors and adapting to preexisting greenhouse environmental control technology (Carol Kitayama and Jimmy Zheng). Water conservation practices in nursery (Rich Casale).
	Return to UCCE	
<b>4:00pm</b>	Adjourn	

***Thanks to these Partners:***





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Registration Fees: Prices listed are per person. A confirmation will be emailed or faxed to registrants whose registration is received up to 5 days prior to the seminar. Late Registration: Late and at-door registration will be accepted only if space is available and meals cannot be guaranteed. Refund Policy: Refund requests must be received in writing (fax & email is acceptable). For more information please contact the UCNFA office at 530-752-8419 (phone/fax) (email: [lldodge@ucdavis.edu](mailto:lldodge@ucdavis.edu))

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