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Effective Use of Pesticides to Produce Ornamental Plants While Protecting Water Quality (English Session)

UC Cooperative Extension Ventura County
669 County Square Drive, #100, Ventura, CA 93003-5401
June 5, 2012 7:30am-12:00pm

Moderator: **Julie Newman**, Floriculture and Nursery Farm Advisor, UC Cooperative Extension Ventura and Santa Barbara Counties
3.5 other DPR CEUs approved, 3.5 IPM CCA CEUs approved; 4 ag waiver hours approved by the Los Angeles Regional Water Board
Agenda:

Time	Topic	Speaker	Key Points
7:30-8:00	Registration (Refreshments)		
8:00-8:30	Introduction to the effective use of pesticides	Julie Newman , Floriculture and Nursery Farm Advisor, UCCE Ventura and Santa Barbara Counties	The purpose of this meeting is to increase understanding of practices that will result in increased effectiveness in pest control while protecting water quality and complying with ag waiver requirements. Ag waiver regulations regarding pesticide runoff and examples of BMPs to control movement of pesticides and minimize pesticide use will be discussed.
8:30-9:30	What are the common classes of insecticides and miticides, how do they work, and what pests are they most effective in controlling?	Jim Bethke , Floriculture and Nursery Farm Advisor, UCCE San Diego and Riverside Counties	Pesticides are organized into several broad categories, insecticides, miticides, etc., but they can also be categorized by chemical class. In addition, some insecticides are more effective than others on select insects. Classes of pesticides most often found in ag waiver monitoring programs will be discussed.
9:30-10:10	Effective use of herbicides	Cheryl Wilen , Area Wide Integrated Pest Management Advisor, UC Cooperative Extension	When properly used, herbicides provide benefits during initial establishment, early growth, and increased survival or ornamental plantings. To choose the appropriate herbicide for a particular situation, the grower must understand some basic herbicide characteristics, which include the selectivity or specificity, the mode of action, and the residual nature of the herbicide. Considerations for avoiding herbicide contamination of water resources will be discussed.
10:10-10:25	Break (Refreshments)		
10:25-10:55	Adjuvants and their uses	Jim Bethke	Using adjuvants can enhance the efficacy of pesticides which can reduce pesticide loads. The differences between the types of adjuvants available and their uses will be explored.
10:55-11:30	How to read the pesticide label and find the important parts	Jim Bethke	One of the common mistakes made when applying insecticides is using a product labeled for the wrong "site." A review of the label and where to find selected items, including information on protecting water quality, will be presented.
11:30-12:00	Pesticide rotations	Jim Bethke	Pesticide-resistance management strategies maximize pesticide effectiveness and reduce pesticide loads. Pesticide resistance can be delayed or avoided by a proper rotation of the chemical classes.

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