

CA Garlic Onion Research Symposium



DPR is Science Based with Educated, Committed Staff

Mission: Protection of Human Health and the Environment as Pesticides are Used



–DPR scientists collect pesticide runoff from alfalfa field in Davis

CA Garlic Onion Research Symposium

Protection of Farmworkers



DPR 30 Second Public Service Announcement Currently Running on Sacramento Valley Public Television



Environmental Justice For All



–DPR/CalEPA
Environmental
Justice Program
update 2014:
www.calepa.ca.gov

Fumigants

Chloropicrin, 1,3-dichloropropene, sulfuryl fluoride,



Collaborative Approach to Find Alternatives to fumigants

CA Strawberry Commission, Working Group, UC



–Top: Rod Koda, strawberry grower. Right: The Working Group and DPR staff in Gilroy



CA Garlic Onion Research Symposium Ground Water Contamination Program



DPR continuously evaluates pesticides to determine if they may contaminate GW;



Identifies areas sensitive to pesticide contamination; depending on soil characteristics

Develop mitigation to prevent movement.

CA Garlic Onion Research Symposium Ground Water Contamination Program



DPR annually monitors a network of 70 wells in the Fresno and Tulare area

108 pesticides identified as potential groundwater contaminants

DPR is currently regulating 7 active ingredients found in groundwater such as Atrazine and Simazine (permits)

Pyrethroids: Surface Water Regulations



California Stormwater Quality Association Award



**DPR honored
for
protecting
watersheds**

**Geoff Brosseau,
left, & Chuck
Andrews**

Protection of the Environment Neonicotinoid Reevaluation



–DPR has
282
pesticide
products
under
review

Environmental Fate of Pesticides

2nd Generation Rodenticides



- DPR regulation expected to take effect summer 2014:
- Many products removed from stores

CA Garlic Onion Research Symposium

California Drought:

Conservation is essential

**Hard choices for everyone including growers;
fallow land; less fungicides likely to be used.**





Questions?

***Chris Reardon, Chief Deputy Director Director
Department of Pesticide Regulation***

www.cdpr.ca.gov