Irrigation and Water Resources Research and Extension Program

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Program focus

On-farm water management tools and practices

- Sustain profitable farming
- Efficient water and energy use
- Protection of surface and groundwater quality

Water resources management

- Region, county, and sub-basins within county
- Education

2013 Applied Research

- Almond responses to varying levels of irrigation
- Funded by Almond Board of California, 2013 2017
- Assess regional differences. Kern, Merced, and Tehama Counties



2013 Applied Research

- Water use by walnut and French prune
- Funded by DWR and various private donors
- Understand regional and crop differences
- Confirm NSV estimates used in planning and provided as technical assistance to growers



2013 Applied Research

- Early detection of crop water stress
- Various private donors and in the past California Walnut Research Board
- Detect and precisely rate crop stress in almond, olive, prune and walnut
- Develop management tools as technical assistance to growers



Other applied research

- Evaluation of nitrogen fertilizer practices in walnut
- Water use efficiency in irrigated pasture
- Demonstration of variable rate irrigation design and management concepts

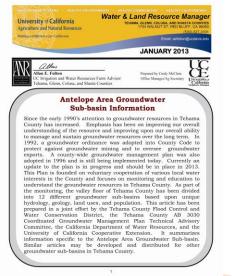
2013 Farm Cooperators

- Call Farming, Los Molinos
- Esteve Farming, Corning
- Crain Walnut, Los Molinos
- Deservet Farming Company, Vina and Chico
- Lassen Land Company, Orland
- Sohrakoff Farming, Dairyville
- Sierra Foothills Research and Extension Center, Marysville
- Vaca Creek Ranch, Palo Cedro

Education and outreach

- Meetings, field days, farm calls
- Phone and email communication, web access
- > Trade magazines, newsletters, and newspapers

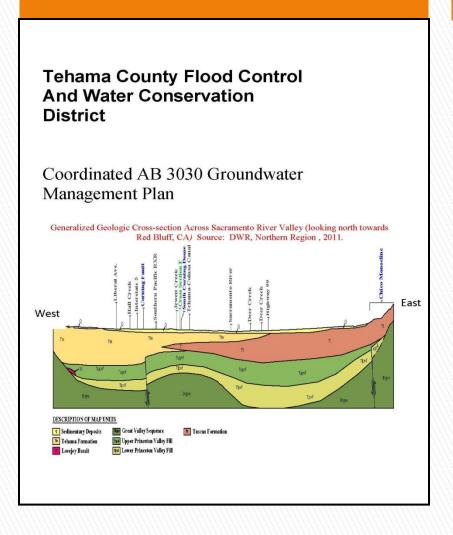






Public service

Support other agencies



Committee service

- Glenn County Technical Advisory Committee
- Tehama County Mobile Irrigation Lab
- Tehama County AB-3030
- Others

Thank You!

