



UNIVERSITY of CALIFORNIA
Agriculture & Natural Resources



Cooperative Extension • San Luis Obispo County
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Pump efficiency, chemigation, and backflow prevention workshop

Date: Sept. 8, 2010

Time: 10:00 – 12:00

Location: UC Cooperative Extension Parking lot; 2156 Sierra Way, San Luis Obispo

Cost: No charge

Presenter: Bill Green, CSU Fresno Center for Irrigation Technology

Agenda:

1. PG&E's Advanced Pump Efficiency Program (APEP)- 1 HOUR Total 10- 11 am
 - a. Description and eligibility- 5 minutes
 - b. 3 Big Ideas to Save Energy Moving Water- 40 minutes
 - i. Better Water Use Efficiency (WUE)
 - ii. Lower pressure irrigation systems
 - iii. Improved pump efficiency
 - c. Pump Efficiency Demonstration- 15 minutes

2. Chemigation / Groundwater Protection (CDPR)- 1 HOUR Total 11- 12 am
 - a. History of groundwater regulations- 5 minutes
 - b. California requirements to chemigate- 10 minutes
 - i. 3 things that have to be achieved when injecting chemicals through the irrigation system
 1. Protect the water source
 2. Shut down the chemigation event when irrigation system is operating properly
 3. Prevent backflow from the water source to the chemical supply tank or container
 - ii. Basic Equipment- 25 minutes
 1. Diagrams
 2. Alternative equipment
 - iii. Chemigation demonstration- 15 minutes
 - iv. Individual County restrictions on fertigation- 5 minutes

DPR Continuing Education credits have been requested

Support for this workshop provided by PG&E