

California Water Plan Update 2013



Agricultural Water Use Efficiency

Fethi BenJemaa
April 5, 2012

AgWUE RMS Overview

2

- Current ag wue efforts and activities
- Historical trends
- Strategies to further efficiency of ag water use
- Efficient Water Management Practices
- Estimates of potential net water savings
- Estimates of potential costs and benefits

AgWUE RMS Overview

3

- Major issues facing Ag WUE
 - ▣ Funding
 - ▣ Implementation (water rights, climate change, energy, ..)
 - ▣ Data needs
 - ▣ Outreach / education
- Recommendations to further the Efficiency of Ag water use

AgWUE RMS Overview

4

- DWR Near/Long –Term Programs
- Ag WUE in the Water Plan
 - Consistency (RMS, Regional Reports, Sustainability Indicators)
 - Reasons for conflict
- Climate Change Adaptation
 - Reduce Energy Use / GHG Emissions

SBx7-7 Mandates

5

- Develop a methodology for quantifying the efficiency of agricultural water use (**A1**)
- Develop and adopt Regulation that provides a range of options for agricultural water measurement (**A2**)
- Update agricultural efficient water management practices (**A3**)

SBx7-7 Mandates

6

- Revise requirements for AWMPs/ Develop AWMP Guidebook (**A6**)
- Revise the eligibility for state water management grants and loans (**A7**)
- Develop Standardized Water Use Reporting (**B1**)