

**Table 6 Final Funding - Agricultural**  
**Research and Development Projects (Section B)**

Proposal as Submitted							Proposal as Approved			
App.	Rank	Applicant	Project Title	Applicant Proposed Share	Funds Requested	Total Project Costs	Funding Recommendation	Adjusted Applicant Share	Adjusted Total Project cost	Comments
4032	1	University of California, Davis	Monitoring Wetting Front Advance Rate for Irrigation Management in Flood Irrigated Alfalfa Production Systems	\$0	\$296,015	\$296,015	\$197,343	\$0	\$197,343	Complete proposed work in two years at 2/3 proposed budget
4089	2	Regent of the University of California	Benefits and Costs of Deficit Irrigation in Alfalfa	\$0	\$981,984	\$981,984	\$632,000	\$0	\$632,000	Reduce crop loss payment to \$120,000 for the two year program. Fund field assistants at 50% time, Do not fund Eddy covariance equipment. Fund for a total of \$632,000.
4070	3	University of California, Davis	Water Use Efficiency in Sacramento Valley Rice Cultivation	\$58,508	\$681,294	\$739,802	\$428,000	\$39,005	\$467,005	Eliminate third year of the project, may apply in future. Applicant may compare pesticide application loads vs cultural practices.
4063	4	California State University, Monterey Bay - Foundation	Characterizing Spatiotemporal Variations in Canopy Density, Soils, Climate, and Vineyard Water Balances to Derive Spatially-Explicit Irrigation Strategies: Developing of the VITicultural Information System (VITIS)	\$0	\$399,701	\$399,701	\$118,590	\$0	\$118,590	Fund verification of VISM model using vinyard ground data and remote sensing. Do not fund meterological work. No funding for one of the investigators, students; supplies reduced to \$19,000, travel reduced to \$2,000.
4115	5	University of California, Davis	California Regulated Deficit Irrigation Program and Remote Sensing to Quantify Evapotranspiration	\$1,453,600	\$1,432,398	\$2,885,998	\$563,000	\$563,000	\$1,126,000	6 sites to include 2 almond, 1 pistachio, 1 citrus, and 2 winegrapes. Almonds include one SJV valley site and one Sacramento Valley site. Applicant use montiring and verification to measure ET under RDI. No remote sensing project to be funded in this cycle.
4015	6	United States Department of Agriculture	Improved Water Use Efficiency for Vegetables Grown in the San Joaquin Valley	\$372,150	\$372,150	\$744,300	\$248,000	\$260,000	\$508,000	Fund project for two years. Local share for two years is \$260,000.
4046	7	University of California, Davis	<b>Ground-Based Remote Sensing Technology for Improved Agricultural Water Use Efficiency In Furrow Irrigation systems</b>	\$0	\$462,340	\$462,340	\$0	\$0	\$0	<b>No more research projects funded.</b>
4047	8	California Poly Technic State University Foundation	Technology Transfer to Irrigation Districts	\$450,000	\$1,350,000	\$1,800,000	\$387,500	\$127,800	\$515,300	Conduct minimum of 25 rapid appraisals including contribution to Quantifiable Objectives (\$15,500 a site). Applicant work with DWR and CBDA in developing the QO appraisal protocol. Local share 33% or \$127,800.
4133	9	Glenn Colusa Irrigation District	Regulating Reservoir Feasibility	\$51,400	\$257,000	\$308,400	\$257,000	\$51,400	\$308,400	Fully fund
4102	10	University of California, Davis	<b>Updating Crop Coefficients Information to Improve Crop Water Estimation</b>	\$90,900	\$298,058	\$388,958	\$0	\$0	\$0	<b>No more research projects funded.</b>
4158	11	San Joaquin County Resources Conservation District	Expanded Mobile Irrigation Lab and Irrigation Workshops in Spanish	\$974,100	\$865,000	\$1,839,100	\$60,000	\$67,560	\$127,560	Fund 40 evaluations at \$1,000 ea, 10 Spanish workshops at \$1,500 ea, \$5,000 admin, \$60,000 total.
4166	12	Anderson-cottonwood Irrigation District	Churn Creek Lateral Improvement	\$5,000	\$144,000	\$149,000	\$144,000	\$5,000	\$149,000	Fully fund

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4021	13	Deer Creek Irrigation District	Deer Creek Agricultural Water Use Efficiency Program Long-Term Ssystem Improvements Feasibility Investigation	\$0	\$368,332	\$368,332
4022	14	Orland Unit Water Users Association	Orland Project Regulating Reservoir Feasibility Investigation	\$8,000	\$168,153	\$176,153
4170	15	Biggs-West Gridley Water District	Regional Water Measurement Program	\$73,500	\$270,459	\$343,959
4126	16	Reclamation District 108	Reclamation/BWMP Cooperative Water Measurement Study	\$20,500	\$458,500	\$479,000
4095	17	Yolo County Resource Conservation District	Yolo/Colusa Mobile Water Lab : Integrating Water Quality into On-Farm Irrigation Water Management Improvements	\$58,320	\$414,085	\$472,405
4096	18	Agricultural Water Management Council	Agricultural Water Management Informational Resources Directory	\$0	\$62,680	\$62,680
4101	19	University of California, Davis	California Irrigation Management Information System Phase II	\$0	\$3,587,859	\$3,587,859
4113	20	California State University, Fresno	Optimizing a Tailwater Return System to Improve Water Quality	\$102,219	\$1,027,779	\$1,129,998
4162	21	Reclamation District 108	Sacramento River BWMP Sub-Basni-Level Water ManagementProgram Demonstration Project	\$20,500	\$444,700	\$465,200
				<b>\$3,738,697</b>	<b>\$14,342,487</b>	<b>\$18,081,184</b>

Proposal as Approved			
Funding Recommendation	Adjusted Applicant Share	Adjusted Total Project cost	Comments
\$288,180	\$0	\$288,180	Eliminate outreach funding (\$13,776) as it is included in Applicant's Section A project, reduce project management to \$30,000. Fund for a total of \$288,180.
\$168,153	\$8,000	\$176,153	Approve three step funding agreement. Feasibility study, near final design (\$37,418) & environmental work (\$17,714) should be done as part of three step project agreement.
\$50,000	\$27,000	\$77,000	Fund Tasks 1- Define Study region at \$3,880, Task 2 - Development of Water Balance for \$25,360, part of Task 3 Development of a consolidated meassurement plan \$13,120. Plus \$7,640 for report & project management. Total of \$50,000. Applicant share will be \$27,000.
\$318,803	\$161,000	\$479,803	Fund Task 1 through 8 with State share of \$318,803. Applicant to find other source of funding to complete project.
\$100,500	\$14,000	\$114,500	Do 60 evaluations for \$1500 each, \$1500 for workshop and \$9,000 for admin, total of \$100,500. Coordinate with Ag Waiver Monitoring Programs.
\$62,680	\$0	\$62,680	Fully fund
\$0	\$0	\$0	<b>No more research projects funded.</b>
\$0	\$0	\$0	<b>No more research projects funded.</b>
\$200,193	\$244,700	\$444,893	Fund at \$200,193 for meter installation(\$187,000 for install/\$13,000 for admin).. Applicant cost share data collection. Local share increased to \$244,700.
<b>\$4,223,942</b>	<b>\$1,568,465</b>	<b>\$5,792,407</b>	