

California Department of Food and Agriculture
 2014 State Water Efficiency and Enhancement Program
 Projects Selected for an Award of Funds
 Updated 10/14/19

Agriculture Operation	Project Description	County	Grant Award
WYSIWYG Farms	Hortau Irrigation Monitoring System for improved Water and Energy Efficiency on WYSIWYG Farms	Santa Cruz and Monterey	\$7,329
Triple K Orchards, LLC	Permanent Orchard Irrigation Distribution Conversion	Fresno	\$50,000
Terranova Ranch, Inc.	Convert from flood irrigation to drip irrigation	Fresno	\$40,686
Dougherty Brothers	Convert from flood irrigation to drip irrigation with high efficiency pump with pressure transducer and variable frequency drive (VFD) controls .	Sutter	\$50,000
Costa Farms, Inc	Consolidate vertical shaft turbine pump and booster pump to a single pump and electric motor with variable speed drive (VSD)	Monterey	\$50,000
Colliver Farms	Convert from flood irrigation to drip irrigation with soil moisture monitoring	Fresno	\$50,000
American Farms, LLC	Consolidation and fuel switch of electric well with diesel booster pump to natural gas pumping station, installation of equipment to measure evapotranspiration and soil moisture sensors to monitor soil moisture content	Monterey	\$50,000
Heavenly Avocado Ranch	Installation of a well and solar equipment to provide 94% of the power necessary to operate the well and field equipment, installation of a more efficient plant watering system and water monitoring.	Santa Barbara	\$50,000
Freitas Farms 1	Install drip irrigation and irrigation emitters to apply water directly to the root zone.	Kings	\$50,000
Sakakihara Farms	Install soil moisture tension monitoring technology to improve irrigation scheduling and reduce groundwater pumping	Monterey	\$16,620
Daniel Jackson Farms	Installation of system to monitor soil moisture through sensors with electronic data output and flow meters to ensure efficient irrigation scheduling	Tulare	\$50,000
Michael G Jackson	Conversion from Furrow Irrigation to Drip System	Tulare	\$50,000
David Jackson Farms	Installation of system to monitor soil moisture through sensors with electronic data output and flow meters to ensure efficient irrigation scheduling	Tulare and Kings	\$50,000
Rick Jackson Farms	Installation of system to monitor soil moisture through sensors with electronic data output and flow meters to ensure efficient irrigation scheduling	Fresno and Tulare	\$50,000
Trent Jackson Farms	Installation of system to monitor soil moisture through sensors with electronic data output and flow meters to ensure efficient irrigation scheduling	Tulare	\$50,000
Henry Pruitt Anderson, III & Betty Jean Anderson	Installation of drip irrigation system based on local evapotranspiration rates	Tulare	\$50,000
Adagio Olive Farms	Installation of electricity generating system to generate clean power on-site, installation of automated controls to allow irrigation management based on soil moisture content.	San Luis Obispo	\$18,219
C AND E OTT FARMS LLC	Installation of variable frequency drive (VFD) pump, soil moisture monitoring devices, and automated fertigation equipment	Stanislaus	\$45,775
Braga Ranch Partnership	Conversion of diesel pump to natural gas, installation of pipeline and monitoring hardware, drip irrigation, soil moisture sensors, weather gauges to ensure efficient irrigation practices	Monterey	\$50,000
Lock Agricultural Ventures, LLC	Installation of a variable frequency drive, and weather and soil moisture monitoring hardware	San Luis Obispo	\$12,898
Wade Jackson Farms	Installation of system to monitor soil moisture through sensors with electronic data output and flow meters to ensure efficient irrigation scheduling	Tulare	\$50,000
Ty Muxlow Farms	Precision Irrigation Project	Tulare	\$50,000
Broken Earth Winery	Installation of weather and soil moisture monitoring hardware	San Luis Obispo	\$4,657
Dewlson Farm	Replace inefficient water pump, installation of variable frequency drive, and remote monitoring electronic weather station with soil moisture sensors, electronic data output, and data loggers	Santa Barbara	\$30,296

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Bengard Ranch, LLC	Conversion from flood/furrow irrigation to sub surface drip irrigation	Stanislaus	\$48,044
Rancho Rendezvous Farms	Installation of soil moisture monitoring using cellular node with soil moisture probe	San Luis Obispo	\$3,997
Nick Huerta	Convert flood irrigation to drop irrigation	Fresno	\$27,940
Fuentes Berry, LLC	Installation of variable frequency drive (VFD) pump and implementation of soil moisture based irrigation management plan	Monterey	\$35,679
Byrd Cattle Company LLC	Conversion from open ditch irrigation to pipeline irrigation	Tehama	\$15,874
R B Farms LLC	Replace well powered by diesel engine with well powered by an electric motor with variable speed drive, installation of soil moisture monitoring hardware and telemetry	Monterey	\$50,000
Scott Raven Farms	Convert from flood irrigation to micro-irrigation.	Fresno	\$50,000
Hope Family Vineyard	Installation of soil moisture radio nodes, base station equipped with hardware to calculate on-site evapotranspiration for precision irrigation scheduling	San Luis Obispo	\$6,494
Jim Rossi DBA Four Oaks Farming	Installation of equipment to test soil moisture levels and onsite weather and Cimis requirements	San Benito	\$28,016
Reamer Farms	Installation of hardware to monitor soil moisture and climate conditions to facilitate remote ET-based irrigation scheduling	Yolo	\$50,000
Sun Drenched Farms	Replace surface sprinkler system with solar pumps, well, weather based irrigation controllers, soil moisture sensors, micro drip irrigation, waste water reclamation techniques, terracing/grading, sustainable ground crop for nitrogen fixation, catchment to retain runoff.	San Diego	\$50,000
Clark Bros. Farming	Installation of all-in-one soil moisture probe and PureSense monitoring system	Fresno	\$29,085
Wm. Bolthouse Farms, Inc.	Conversion from diesel motor to electric motor, and installation of a variable frequency drive on irrigation well.	Los Angeles	\$50,000
Tony & Amie Azevedo	Conversion from flood irrigation to micro-irrigation system	Kings	\$50,000
Theldor Farms	Installation of full pump and valve automation and environmental monitoring with remote access and alerts	Butte	\$25,000
Stone Ranch	Conversion from flood irrigation to low water/low PSI system	Kings	\$50,000
Stone Family Limited Partnership	Conversion from flood irrigation to drip irrigation system	Kings	\$50,000
Pasatiempo Vineyards, LLC	Addition of a water condition system and soil moisture monitoring systems to the current irrigation system	Fresno	\$22,294
Jon and Joy Lee	Installation of six additional solar panels and pump to existing agricultural well, installation of four 1,500 gallon collection tanks to collect rainwater	Yolo	\$11,598
Jackson Family Investments, LLC	Installation of Kapillary Irrigation Sub-Surface System (KISSS) technology	Napa	\$50,000
Six K's	Conversion from flood irrigation to efficient microjet irrigation and solar panels to run the water pump.	Butte	\$50,000
Danell Brother Farms	Upgrade existing irrigation system, installation of micro (drip) irrigation and application of mulch.	Kings	\$38,223
Amberglow Ranch	Replace existing irrigation tubing and emitters, add grid tie solar system.	Kern	\$30,789

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Yangs Capital, LLC	Upgrade water conservation irrigation system, with remote access and monitoring, flow sensors and pressure gauges	Riverside	\$8,774
Kenneth L. Puryear	Conversion from surface irrigation to efficient irrigation system utilizing point source emitters	Tulare	\$50,000
DP Farms	Conversion from flood irrigation to sub surface drip irrigation	Merced	\$50,000
Netto West Farming	Conversion from flood irrigation to sub surface drip irrigation.	Kings	\$47,283
Mumma Brothers	Conversion from flood irrigation to sub surface drip irrigation, including installation of electric motor, variable speed drive, flow meter, moisture meters, new main line, lateral lines, pressure regulating valves, drip tape, and weather base station	Colusa	\$50,000
David Santos Farming	Conversion from flood irrigation to subsurface irrigation system with flow meter and soil moisture sensors with electronic data output	Merced	\$50,000
Sunny Acre Farming Inc	Conversion from furrow irrigation to two-line drip irrigation system	Kings	\$42,321
Kingsburg Citrus Ranch	Installation of Weemat under trees to reduce surface water evaporation and control water consuming weed, soil moisture sensors, flow meter and pressure sustaining device to improve water filtration pressure	Kern	\$46,347
Lagier Ranches, Inc.	Conversion from furrow/flood irrigation to drip irrigation, installation of electric submersible pump	San Joaquin	\$10,441
Troy Jackson Farms	Installation of irrigation system with flow meters and soil moisture sensors with electronic data output	Tulare	\$50,000
Andy Muxlow Farms	Installation of irrigation system with flow meters and soil moisture sensors with electronic data output	Kings and Tulare	\$50,000
Moniz Vineyards	Conversion from sprinkler irrigation to drip irrigation with flow meters and soil moisture sensor meter with electronic data output	Santa Clara	\$14,500
Yamamoto Brothers Farms	Conversion from flood/furrow irrigation to low pressure sub surface drip irrigation	Stanislaus	\$47,447
Bobby Yamamoto Farms, Inc.	Conversion from flood/furrow irrigation to sub surface drip irrigation	Stanislaus	\$13,885
Grapery, Inc.	Installation of Climatedinder irrigation system including full weather station and sensor, soil moisture and temperature sensor, and pump controllers with relay	Kern	\$17,430