

Applied Agriculture and Environmental Research

Requesting Entity: California State University

Location: CSU campuses throughout California

Amount: \$3,000,000

Funds will support competitive grants throughout the CSU system for research into climate change, air quality, greenhouse gas emissions and carbon sequestering; food safety and security; water quality, infrastructure and conveyance; and public health and welfare.

Bay Area Aquatic Pest Prevention Plan

Requesting Entity: County of Monterey

Location: Counties of Monterey, Santa Clara, Alameda, Contra Costa, and San Benito

Amount: \$2,500,000

The funding would implement a coordinated prevention plan in five California counties to address the economic threat posed by zebra and quagga mussels. These mussels are invasive aquatic pests that can quickly clog filters, pipes, pumps and critical infrastructure of agricultural, municipal, and industrial water delivery systems.

California County Pest Detection Augmentation Program

Requesting Entity: California Agricultural Commissioners and Sealers Association

Location: Counties throughout California

Amount: \$1,350,000

Funds will allow county agriculture commissioners to continue a program to inspect incoming plant material at points of entry in California to prevent the establishment of invasive pests and diseases.

Community Farming and Agriculture Education

Requesting Entity: Orange County Great Park

Location: Irvine, CA

Amount: \$850,000

Funds would expand agricultural crop land to 120 acres at the Park's Farm and Food Lab, which is sited on the former El Toro military base. Much of the harvest will be donated to local food banks and the site will be a model for agricultural sustainability. Funding would also support free educational programs focusing on agriculture.

Elk Grove Creek Flood Protection and Clean Water

Requesting Entity: City of Elk Grove

Location: Elk Grove, CA

Amount: \$600,000

Funds would support a project to improve flood control and water quality in the city of Elk Grove and thus improve urban runoff into 6,206-acre Stone Lakes National Wildlife Refuge.

Fresh Produce Safety Research Initiative

Requesting Entity: University of California

Location: UC campuses throughout California

Amount: \$2,000,000

Funds would support cutting-edge research to advance scientific knowledge of the sources and causes of food-borne illnesses.

Invasive Pest and Disease Research Program

Requesting Entity: University of California, Riverside, Center for Invasive Species Research

Location: Riverside, CA

Amount: \$970,000

Funds will help the university create an Invasive Pest and Disease Research Program within its Center for Invasive Species Research (CISR), which is the only formal center in the UC system dedicated to research on exotic pests and diseases.

Keystone Regional Water Reclamation Facility and Wastewater Collection System

Requesting Entity: United States Department of Agriculture

Location: Imperial, CA

Amount: \$2,000,000

USDA Rural Development grants will help the City of Imperial improve water systems in the region, providing essential wastewater reclamation services to industrial, commercial, mixed use, residential, recreational and educational facilities.

Pierce's Disease and Invasive Species Research Program

Requesting Entity: University of California

Location: UC campuses throughout California

Amount: \$3,000,000

Funds will be used to address Pierce's Disease and other high-priority invasive species already causing significant crop damage, endangering natural and urban ecosystems and threatening public health in California.

Rural Community Water System

Requesting Entity: County of Tulare

Location: County of Tulare

Amount: \$1,500,000

Funds will be used to develop sustainable water supplies for disadvantaged communities throughout Tulare County, which has the largest number of disadvantaged water districts in the State.

San Joaquin County Agricultural Center Solar Energy

Requesting Entity: County of San Joaquin

Location: County of San Joaquin

Amount: \$2,375,000

This funding will support the final phase of a solar energy system for the county's Agricultural Center that will provide nearly all of the Center's expected electric usage, thus reducing the county's energy footprint.

Viticulture Consortium

Requesting Entity: University of California

Location: Statewide

Amount: \$2,500,000

Funding would support the California Viticulture Consortium, which is administered by the University of California system, and supports research into grapes and grape product industries. Grapes are the highest value fruit crop in the nation, contributing about \$162 billion to the U.S. economy annually. California is responsible for about 90 percent of domestic wine production and 95 percent of U.S. wine exports.

Water Management Research Laboratory

Requesting Entity: Imperial County Board of Supervisors

Location: Brawley, CA

Amount: \$340,000

Funds will be used to continue research into water management, irrigation techniques, soil salinity, crop production, plant breeding and integrated pest management on the arid saline lands of the Imperial Valley