



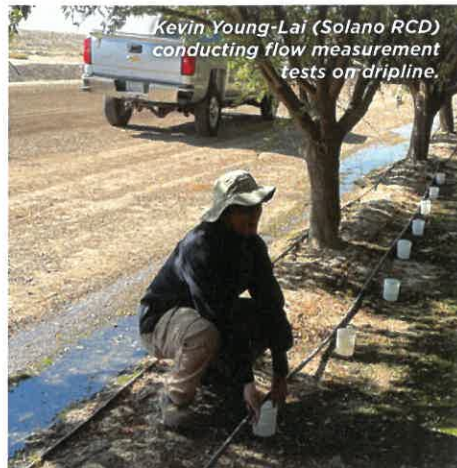
Protecting Water Resources

Solano Agricultural Water Efficiency Program

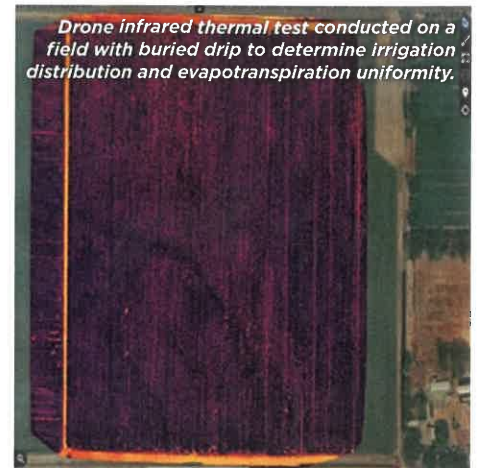
Kevin Young-Lai, Assistant Project Manager

The combination of high temperatures and very little rainfall can be a recipe for one of the most common natural disasters across the United States: droughts. California declared a drought emergency in July 2021, with the goal of reducing water usage by 15%. To address this goal, the Solano RCD, in partnership with the Solano County Water Agency and other local partners, have reinvigorated the Solano Agricultural Water Efficiency Program, providing education and technical support to agricultural producers year-round.

Any producers interested in improving their water use efficiency or interested in brainstorming irrigation or nitrogen management solutions on your property can contact the program. Our team can walk the site with you and conduct hands-on distribution uniformity testing, as well as evapotranspiration uniformity via drone spectroscopy data. From there, we can suggest potential water efficiency solutions, land management practices, and financial assistance programs for your



Kevin Young-Lai (Solano RCD) conducting flow measurement tests on dripline.



Drone infrared thermal test conducted on a field with buried drip to determine irrigation distribution and evapotranspiration uniformity.

property. If you use a well for your farm or ranch and are interested in finding areas of cost-savings in your operation, consider having a professional conduct a pump efficiency test on your well system. The Solano Agricultural Water Efficiency Program will cover the cost of the test.

On a first-come, first-served basis, the Solano RCD can also provide M.K. Hansen AM400 soil moisture loggers to any

producer who is in need of a replacement logger or wants to begin testing their soil moisture levels.

For questions about the Ag Water Efficiency Program or to schedule a visit and analysis, please contact Kevin Young-Lai at: (707) 678-1655 x 123 or email kevin.young-lai@solanorcd.org

Pesticide Disposal Program

The Solano RCD, in partnership with the County of Solano and Cal Recycle, is working to identify a sustainable model for our agricultural community to safely manage and dispose of hazardous materials. A pilot program was created to assist producers with the disposal cost of pesticides that have expired or are no longer legal to apply. This pesticide disposal program will last until grant funds are depleted, or until December 31, 2023, whichever comes first. The size and quantity of disposal will be based on U.S. Department of Transportation limits, which limit individuals to transporting up to 15 gallons or 125 pounds of hazardous material in 5-gallon containers, or smaller, per visit to a permitted hazardous waste facility. If you have sizes or quantities exceeding these limits, you are not necessarily excluded from this program, but you will need to contact us for evaluation.

If you have pesticides or other unidentified hazardous materials in need of disposal, please contact Kevin Young-Lai at: (707) 678-1655 x 123 or email kevin.young-lai@solanorcd.org.



Legacy pesticides that are no longer usable are earmarked for disposal.