

UCANR eNews Bulletin – January 2022

Check out the latest updates from University of California Agriculture and Natural Resources

News

New cover crop research can help groundwater sustainability agencies plan

Cover crop research conducted by a team of university researchers is now helping to inform and shape policy to implement the Sustainable Groundwater Management Act (SGMA) in several San Joaquin Valley counties.



ONCE PERCEIVED AS A PROBLEM, CONSERVATION GRAZING BY CATTLE A BOON TO VERNAL POOLS

Giving 1,200-pound cows access to one of California's most fragile and biologically rich ecosystems seems a strange way to protect its threatened and endangered species. But a recently published study suggests that reintroducing low to moderate levels of cattle grazing around vernal pools - under certain conditions - leads to a greater number and greater variety of native plants.



Webinar

Water-related impacts of cover cropping in California

Water-related impacts of winter cover cropping in California's Central Valley

Dec 2021



A concise summary of recently conducted research at ten locations throughout the San Joaquin and Sacramento Valleys in California related to impacts of winter cover cropping on soil water storage.

This research was conducted by a team of researchers including Drs. Alyssa DeVincentis, Daniele Zaccaria, Samuel Sandoval-Solis and Jeff Mitchell at the University of California, Davis, and Stanford University PhD candidate, Anna Gomes from 2016 through 2019.

Events

2022 Southern San Joaquin Valley Grape Symposium

Virtual Meeting

Date: Tuesday, January 25th, 2022

Time: 8:00 A.M. - 12:00 P.M.



UC Dairy Series, Session 1: Nutrient Management & Manure Treatment Technologies

Various manure treatment technologies are deployed on dairies. Come and learn what the nutrient composition of end products from different technologies are and how these can be incorporated differently into your nutrient management program.

CropManage Hands-on Workshop

Date: Wednesday, January 26th, 2022

Time: 1:00 P.M. - 5:00 P.M.

Where: University of California Cooperative Extension
Stanislaus County, Harvest Hall, Room E.
3800 Cornucopia Way, Modesto, CA 95358

Websites

Insights: Water and Drought Online Seminar Series

This online seminar series from the University of California, Agriculture and Natural Resources, with support from the California Department of Water Resources, brings timely, research-based, relevant expertise on water and drought from around the UC system and beyond directly to interested communities.

Gills Mealybug

Gill's Mealybug (*Ferrisia gilli*), first identified on pistachios in 1997, has become a major pest of this crop. It's most noticeable around harvest, however the effective treatment times are much earlier in the season so close monitoring of populations is essential to ensure its treated at the right time. While Gills Mealybug has been documented attacking almonds, beneficial insects seem to keep this pest in check, most likely because early season pyrethroid use in almonds is becoming less common, preserving insects that can attack mealybugs.

