

[UC Kearney Agricultural Research and Extension Center website](#)



Message from the director: Jeff Dahlberg

These last couple of months have been busy collecting data, harvesting and basically wrapping up this year's research activities for most of us. Seeing the rain was really a nice surprise and I was driving back from a meeting at the Lindcove Research & Extension Center when the rain clouds lifted for only a couple of minutes and the mountains were exposed in all their beauty. This really is a time of year to give thanks for all the wonderful things we have. Next year is going to be busier than this year as we have estimated roughly 26,000 research hours for 2018, a trend that keeps going up. This is great news in that we are doing more research and getting a lot of traction out of our Center. Again, a big shout out to the fabulous staff here, who take great pride in ensuring that our research is supported with high quality service and dedicated people.

We have some really interesting research going on here with sub-surface irrigation and alfalfa and I continue to do research and establishment of a drought tolerance nursery. The drone that we were using made its last pass in late September and we are working to get the information evaluated. Andreas Westphal is digging holes all over the station for planting trees to evaluate nematodes, so if you see a lot of big black containers, those are his. We continue working on the new dry on the vine raisin variety and other grape projects. Our pathology people keep finding and identifying fungi and other pathogens that farmers are bringing on to the center for identification and help on. And I see our IPM and entomology group running around with bug nets trying to capture insects for projects. We have purchased a new tree shaker that will help our nut crop researchers harvest and collect yield data in a timelier manner. We do have a wide range of projects all tailored to understanding and addressing needs of farmers in the region.

November is always a great time of year. It is a time to celebrate harvest, eat lots of food at Thanksgiving, and enjoy a few sporting events. This is also a great time to get together with family and share the bounty provided to us, especially here in California which provides us with fabulous varieties of fruits

and vegetables. The UC REC Centers provide the essential research and extension that makes this happens.

This year I would like to invite you to participate in [#GivingTuesday](#) on November 28th. This is a global movement built by individuals, families, organizations, businesses and communities here in the US and worldwide with the goal of supporting and championing causes they and the communities they live in believe in!! **#Giving Tuesday** is a day to give back to organizations that you believe in. If you are willing to participate and feel that KARE is worth donating to, please feel free to visit our [website \(www.kare.ucanr.edu\)](http://www.kare.ucanr.edu) and click on [MAKE A GIFT](#). As always feel free to contact me at jadahlberg@ucanr.edu, through our Facebook page, or our [blog](#). I wish you all a very Happy Thanksgiving!

Jeff Dahlberg



August 19th was National Honey Bee Day: Elina Niño reminds us to help honey bees cope with pests.

National Honey Bee Day is celebrated on the third Saturday of every August. This year it falls on Saturday the 19th. If you use integrated pest management, or [IPM](#), you are probably aware that it can solve pest problems and reduce the use of pesticides that harm beneficial insects, including honey bees. But did you know that it is also used to manage pests that live inside honey bee colonies? In this timely [podcast](#), Dr. [Elina Niño](#), UCCE apiculture extension specialist, discusses the most serious pests of honey bees, how beekeepers manage them to keep their colonies alive, and what you can do to help bees survive these challenges. [Read more.](#)



It's time for DPR license and certificate holders to renew—get units via online courses from UC IPM.

November has arrived, and before you know it we'll be ringing in 2018! For those who hold a license or certificate from the Department of Pesticide Regulation (DPR), and have a last name starting with the letter M through Z, this is your year to renew. If you need more hours to complete your renewal application and don't have time to attend an in-person meeting, then check out the [online courses](#) available from the UC Statewide IPM Program (UC IPM). Many of the courses are free. [Read more.](#)



UC ANR scientists provided research-based information at the Malcolm Media Expos.

Malcolm Media is provided three free [Ag expos](#) this month: A tree and vine expo in Turlock was presented on November 7th; a grape expo was in Sonoma on November 10th, and a grape, nut and tree fruit expo was held at the Fresno fairgrounds on November 14th. UC ANR scientists conduct research to address issues impacting the Ag industry, and share the results of research as well as best practices with the attendees. These expos provided CDPR approved continuing education units, and were free courtesy of industry sponsors. [Read more.](#) (photo by Meister Media)



Central Valley Summit on alternatives to open burning of agricultural waste was held at Kearney.

The Valley Air District brought together valley growers, researchers, experts, biomass industry representatives, scientists, representatives from new and developing technology vendors, and other Valley stakeholders for a two day [summit](#) aimed at advancing new and existing cost-effective clean alternatives to open burning of agricultural waste. (photo by Anthony Presto)



KARE will greatly appreciate any donations from people participating in Giving Tuesday, 11/28/16.

This Giving Tuesday, why not [donate](#) to KARE? Donations to KARE will be used to help expand our local programs, including research, extension and outreach. KARE is part of the REC system, which is a strong, vibrant organization of research and education academics supported by extraordinary research management capacity to conduct agriculture, natural resource and human resource programs that enable the delivery of the highest quality science to promote healthy citizens, thriving communities, and best practices to protect our agricultural and natural systems.

Please forward this newsletter to others who may be interested.

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