2018 KERN COUNTY ALMOND DAY - UCCE Kern County When: Thursday, April 5, 2018 Where: Kern Agricultural Pavilion 3300 East Belle Terrace, Bakersfield, CA 93307	
7:30 a.m.	**REGISTRATION** ***Coffee and Doughnuts***
	Moderator: Mohammad Yaghmour, UCCE Farm Advisor, Kern and Kings Counties
8:00	**Welcome almond Growers, and Members of the Industry** *Mohammad Yaghmour, UCCE Farm Advisor, Tulare and Kings Counties*
8:05	**Pesticide Use Near Schools** *Jose Bueno, Pesticide Programs Division, CDPR*
8:30	**Weed Control Update for Tree Nut Orchards** *Brad Hanson, CE weed Science Specialist, UC Davis*
9:00	**Almond Pest Management Alliance Project: lessons learned about navel orangeworm and spider mite management** *David Haviland, IPM Advisor, UCCE Kern County and UC Statewide IPM Program*
9:30	**Soilborne Disease Update: Phytophthora and Replant Disease, Biology and Management Considerations** *Greg Browne, USDA-ARS Davis, CA*
10:00	**BREAK**
	Moderator: Elizabeth Fichtner, UCCE Farm Advisor, Tulare and Kings Counties
10:30	**Young Almond Orchards: Establishment and Management** *David Doll, UCCE Farm Advisor, Merced County*
11:00	**Band canker caused by Botryosphaeriaceae attacking young almond orchards** *Themis Michailides, Dept. of Plant Pathology UC Davis & Kearney Agricultural Research and Extension Center*
11:30	**Almond ET Update – Young tree ET, mature yield by applied water** *Blake Sanden, UCCE Farm Advisor, Kern County*
12:00 p.m.	**Lunch- Courtesy of Irrigation Monitoring/Equipment Providers**
	2.5 Hours of DPR Continuing Education Credits Approved **(0.5 hour of laws and Regs, and 2 hours of Other)**

1 – 3:30 pm	**Irrigation management / monitoring workshop: (Blake Sanden, moderator)**
1 pm	• **Irrigation Evaluation, the importance of uniformity. Brian Hockett, North West Kern Resource Conservation District** • **EQIP Grants. Marcos Perez, NRCS**
1:30 – 3:30 pm	**Different equipment / strategy options for plant, soil, remote sensing monitoring.** **Real field examples and service providers:**
1:30 – 3:30 pm	• **Soil and plant sensor data from Kern Almond ET trial. Blake Sanden** **Soil moisture, etc:** • **Dale Handley Consulting (The old non-digital method -- pound holes, hand-feel soil moisture)** • **Climate Minder (Rainbird)** • **Jain (revised PureSense)** • **Irrometer (Watermark, tensiometers)** **Continuous plant monitoring / Remote sensing:** • **PhyTech (Trunk shrink/swell dendrometer)** • **CERES Imaging (Aerial flyover, tree water stress, NDVI, nitrogen)** • **Smartfield (Infrared tree canopy temperature)** **Automated monitoring linked to irrigation control:** • **Hortau (Soil moisture tension and irrigation startup)** • **Ranch Systems (various sensors linked to system)** • **WiseConn (various sensors linked to system)** • **WaterBit (various sensors linked to system)**