

AGENDA FOR THE PROJECT MEETING ON PISTACHIO EVAPOTRANSPIRATION

Location: Kearney Ag Research and Extension Center, 9240 S Riverbend Ave, Parlier, CA
Walnut Room (Building 101)

Date: Tuesday January 22, 2019

Time: 10:00 am to 3:00 pm

- 10:00 – 10:15 am Brief round of participant's introduction (all)
- 10:15 – 10:30 am Overview on the Pistachio ET research projects (D. Zaccaria)
- 10:30 – 11:30 am Project setup, methods and results for 2016-2018 seasons (Part 1)
- ET and Kc determination in non-saline and increasingly saline orchards (D. Zaccaria, R. Snyder)
 - Reduction of yield/ tree performance with salinity/sodicity (G. Marino)
 - Soil-water salinity/sodicity and the impact on water use (B. Sanden)
- 11:30 – 11: 45 am SHORT BREAK**
- 11:45 – 12:45 am Project setup, methods and results for 2016-2018 seasons (Part 2)
- Remote sensing surveys (airborne and satellite) to estimate canopy features (K. Shapiro)
 - Phone/computer App to estimate light interception from ground shading (K. Shapiro)
 - Relation of light interception and water use (G. Marino)
 - Increased net radiation into orchards field with cover crop (R. Snyder)
 - Practical Implications for pistachio production (B. Sanden)
- 12:45 – 1:15 pm LUNCH BREAK (catered lunch boxes)**
- 1:15 – 1:45 pm Proposed research/demonstration for 2019 (D. Zaccaria, G. Marino, B. Sanden)
- 1:45 – 2:30 pm Open discussion and feedback from participants (All)
- 2:30 – 2:45 pm The UC ANR Irrigation Training Initiative for Pistachio (K. Bali)
- 2:45 – 3:00 pm Survey on key irrigation training topics for the Irrigation Training Initiative
- 3:00 pm MEETING ADJOURN**

RSVP by email to: Daniele Zaccaria dzaccaria@ucdavis.edu

We all know pistachios are the most salt tolerant crop in the San Joaquin Valley and provide economic yields on dirt that would kill other crops. 25 years ago the first UC study on pistachio ET came up with about a 45 inch in-season ET. Most pistachio acreage does not use that much water – especially on saltier soils. Come to this January 22nd workshop at the Kearney Ag Center, Parlier to get the latest data from a 3 year project up-dating “real world” field water use of pistachios.

*Blake Sanden, Irrigation and Agronomy Advisor, Emeritus
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