



**March 23, 2022**  
3800 Cornucopia Way, Modesto

**Registration**  
8:30 – 9:00 am

Opening Session, 9:00 – 9:45 am  
Your research dollars at work  
*Denise Mullinax, California Dairy Research Foundation*  
*Josette Lewis, Almond Board of California*

**CEUs approved:**

**ARPAS, CCA & CDFA-INMP**

- ARPAS: 3.0
- CCA: Soil & Water Mgmt. 1.0; Professional Development 0.5; Manure Mgmt. 1.0
- CDFA-INMP: Nitrogen Mgmt. 1.0; Irrigation Mgmt. 1.0

**Lunch provided**

Stay for lunch or grab a boxed lunch to-go!

## Room 1

### Nutrition, 10:00 – 10:50 am

Almond hull usage on California dairies  
*Jennifer Heguy, UCCE Dairy Advisor*

Almond hulls for lactating dairy cows: feeding amounts and composition  
*Dr. Ed DePeters, UC Davis*

Rumen-protected amino acids: effect on milk yield and mastitis risk  
*Dr. Noelia Silva-del-Rio, UC Davis and UC ANR*

### Hot Topics, 10:55 – 11:45 am

Water conservation benefits & environmental concerns of managed agricultural aquifer recharge  
*Dr. Helen Dahlke, UC Davis*

Health outcomes for calves housed in a small group system  
*Betsy Karle, UCCE Dairy Advisor*

Producer perspectives of automatic milking systems  
*Dr. Daniela Bruno, UCCE Dairy Advisor*

### Herd Health, 11:50 – 12:40 pm

Mitigating heat stress: insights & ideas  
*Dr. Cassandra Tucker, UC Davis*

Evaluation of tests to predict individual quarter SCC  
*Dr. Heidi Rossow, UC Davis*

Metritis in California dairy cows: antibiotic resistance of intrauterine *E. coli*  
*Dr. Richard Pereira, UC Davis*

## Room 2

### Manure Management, 10:00 – 10:50 am

Integrating vacuumed manure into nutrient management  
*Dr. Anthony Fulford, UCCE*

Where to get AMMP resources  
*Dr. Deanne Meyer, UC Davis & UC ANR*

Nutrient management with digester effluent  
*Joy Hollingsworth, UCCE Farm Advisor*

### Hot Topics, 10:55 – 11:45 am

Effects of the SLICK mutation to reduce the negative impact of heat stress in Holstein cattle  
*Dr. Anna Denicol, UC Davis*

Feeding & managing dairy cattle genetics for beef  
*Dr. Pedro Carvalho, UC Davis & UC ANR*

Improved cattle through genomic selection, assisted reproductive technologies and gene editing  
*Dr. Alison Van Eenennaam, UC Davis & UC ANR*

### Agronomy, 11:50 – 12:40 pm

Sorghum as a water saver  
*Nick Clark, UCCE Farm Advisor*

Irrigation of small grain forage in drought years  
*Konrad Mathesius, UCCE Farm Advisor*

Alfalfa irrigation strategies for drought considering groundwater recharge  
*Dr. Dan Putnam, UC Davis & UC ANR*

"More information and registration here: <https://ucanr.edu/sites/CA Dairyconference/>"