

DECEMBER 10, 2024



# ADVANCES IN IRRIGATION AND WATER MANAGEMENT

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**WORKSHOP** 

12/10

10:10 AM - 10:30 AM

# ALFALFA IRRIGATION MANAGEMENT: WHY IS IT IMPORTANT?

**Daniel Putnam**

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University of  
California, Davis



12/10

10:30 AM - 10:50 AM

# ALFALFA CROP WATER REQUIREMENTS

**Daniele Zaccaria**

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University of  
California, Davis



12/10

10:50 AM - 11:10 AM

# APPLIED TOOLS TO DESIGN OPTIMAL DEFICIT IRRIGATION STRATEGIES IN ALFALFA

**Ali Montazar**

UC Cooperative  
Extension



12/10

11:10 AM - 11:30 AM

# ASSESSMENT OF SATELLITE- DERIVED CROP ET COMPARED TO ACTUAL ET FOR PRECISION IRRIGATION IN ALFALFA

Moneim Mohamed

UC Cooperative  
Extension



12/10

11:30 AM - 11:50 AM

# CLIMATE CHANGE AND SGMA IMPACT ON ALFALFA AND OTHER FORAGES IN THE SAN JOAQUIN VALLEY

Tapan Pathak

UC Merced





# Q&A

12/10

1:00 PM - 1:20 PM

# THE ECONOMICS OF DEFICIT IRRIGATION ON ALFALFA

**Khaled Bali**

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UC Kearney  
Ag Center





12/10

1:20 PM - 1:40 PM

**WATER ALLOCATION AND  
CHALLENGES FACING ALFALFA AND  
PASTURE IN SCOTT VALLEY AND  
OTHER ALFALFA GROWING REGIONS  
IN NORTHERN CALIFORNIA**

**Giuliano Galdi**

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UC Cooperative  
Extension



12/10

1:40 PM - 2:00 PM

# IRRIGATION PREDICTION AND SCHEDULING SYSTEM FOR ALFALFA AND FORAGES

**Tim Hyde**

**SWAN Systems**



12/10

2:00 PM - 2:20 PM

# GROUNDWATER RECHARGE ON ALFALFA - SCOTTS VALLEY

Laura Foglia

UC Davis



12/10

2:20 PM - 2:40 PM

# ADVANCES IN USING VARIABLE RATE IRRIGATION AND SENSORS IN ALFALFA

Alejandro Andrade-Rodriguez

University of Nevada, Reno



# Q&A

12/10

3:10 PM - 3:30 PM

# BREEDING ALFALFA FOR CALIFORNIA RANGELANDS

Charlie Brummer &  
Cree King

UC Davis



12/10

3:30 PM - 3:50 PM

# ADVANCES IN SURFACE IRRIGATION MANAGEMENT ON ALFALFA

Peter Moller  
Rubicon Water



12/10

3:50 PM - 4:10 PM

# TROUBLESHOOTING IRRIGATION SYSTEMS

**Matt Yost**

Utah State University





12/10

4:10 PM - 4:40 PM

# GROWERS' PERSPECTIVE ON ADVANCES IN WATER MANAGEMENT IN ALFALFA AND OTHER FORAGES

Jay Dow

Dow Ranch





# DISCUSSION

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