

# UCR

## UC Campus and County Extension Relationships

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# Brief Background

- › 1988: Ph.D. University of Arizona in Plant Pathology
- › 1990-95: UCCE Sacramento County
  - › Field and Vegetable Crops Advisor
- › 1996-2010: UCCE Riverside County
  - › Subtropical Horticulture Advisor
  - › 2001-2010: County Director
- › 2006-2010: Regional Director, Cooperative Extension, Central Coast South Region
- › 2011-present: Director of Ag Ops and Subtropical Horticulture CE Specialist





## University of California Riverside

**Citrus Research Station  
Established 1907**





# UCR's history demonstrates the power of the people shaping the future.

The grass-roots movement to create a citrus field station succeeded mostly because of the stubborn efforts of citrus growers in southern California, the center of the state's orange industry. In large measure, it succeeded because of the relentless energy and organizational abilities of one man, John Henry Reed, a Riverside citrus grower who first proposed establishment of the experiment station.



# Research-based solutions

- ▶ UCR's beginning is similar to the inception of Cooperative Extension – establishment of research centers (county offices) to find and extend research-based solutions to serve the greater good.



# Our “roots” started with the Citrus research station and Cooperative Extension



Citrus Experiment Station  
1907-1953

UC Riverside  
1954-present





# UCR's research stations:

- ▶ Two field stations, totaling ~1000 acres:
  - ▶ UC Riverside - 440 acres adjacent to campus
  - ▶ Coachella Valley - 540 acres located 90 miles southeast of campus.



# Citrus Variety Collection

- ▶ The Citrus Variety Collection remains one of the premier citrus germplasm collections in the world and a valuable university resource. This is the world's most diverse collection of over 1,000 citrus and citrus relatives collected from throughout the world (subfamily of Rutaceae, 850 types of the citrus we use for food). Collection is also protected under screen house.





# UC Campus and County Extension Relationships:

- Opportunities – improving crop production
- Partnerships – campus, county, industry,
- Delivery
  - Research
  - Education
  - Outreach programs



UC  
CE

University of California  
Agriculture and Natural Resources

Cooperative Extension

# Current projects:

- Evaluation of avocado rootstocks for salinity tolerance
- Comparison of production practices to optimize citrus yield and quality
- Enhanced establishment of date palms (tissue culture and off-shoots)





# Salinity Tolerant Rootstocks for Avocado

Leaf burn





# Comparison of Saline and Fresh Water



# Avocado Extension

- ▶ Field Days – Delivering educational information and research results





# Citrus Research

- › Comparing production practices





# Extension at UCR's Annual Citrus Day



# Date Research:

- › Methods to enhance establishment and production of off-shoot versus tissue culture seedlings





# Pierce's Disease Research





# Outreach to “at-risk” youth

- › UCR – Faculty, Extension Specialists
- › UCCE Riverside County Master Gardeners



A scenic landscape photograph. In the foreground, there are two large, dense green bushes framing a dirt path. The path leads to a field of young green plants in rows. In the background, there are rolling hills and a range of mountains with snow-capped peaks under a blue sky with scattered white clouds.

Thank you