

# This presentation premiered at WaterSmart Innovations

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RANCHO  
CALIFORNIA  
WATER  
DISTRICT

DISTRICT

# CropSWAP

*A Crop Replacement Rebate Program for  
Agricultural Users*

WaterSmart Innovations 2018



# Agriculture in Southern California



Where San Diego County  
**Ranks In The Nation.**

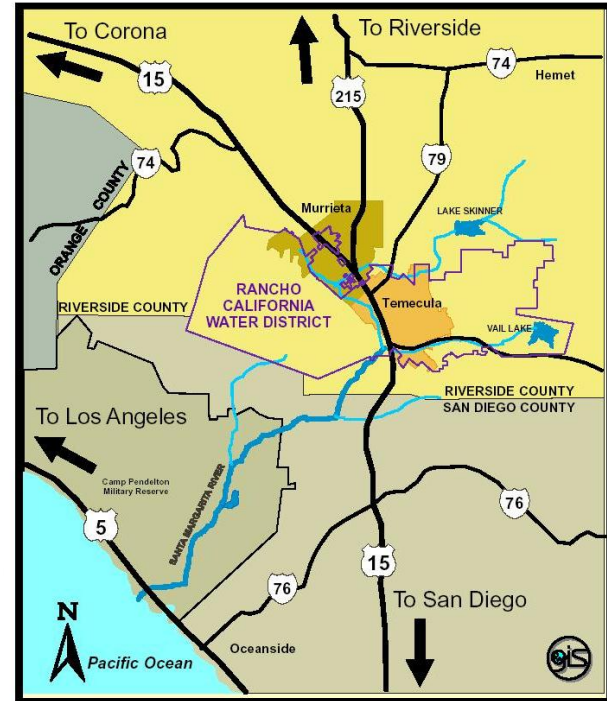
Crop	Rank
Nursery	1
Avocados	2
Limes	2
Guavas	2
Pomegranates	2
Macadamias	2
Lemons	5
Strawberries	9



# Rancho California Water District

## Service Connections

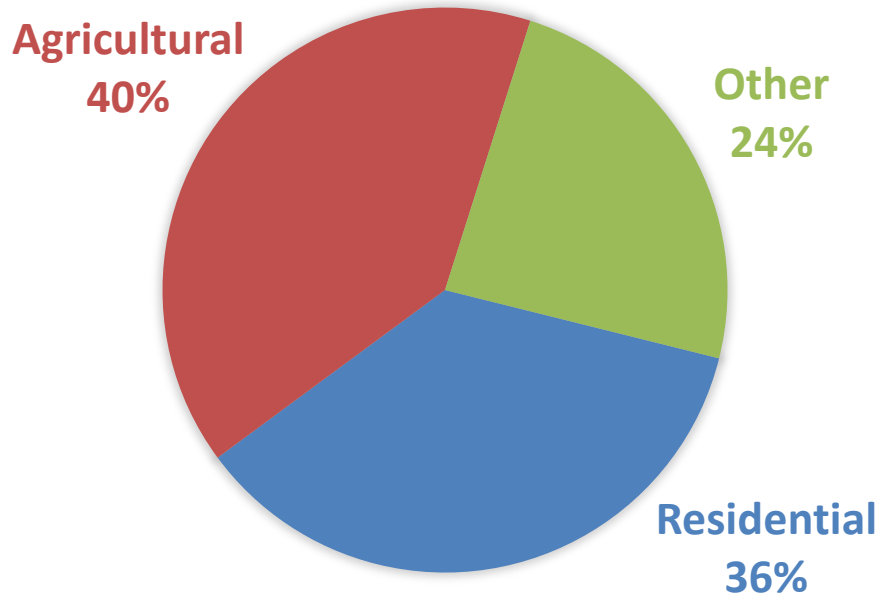
Residential -	38,236
Commercial -	1,636
Landscape -	1,262
Agricultural -	1,543
Other -	1,928
	<hr/>
	44,604



# RCWD's Agricultural Demand

## 2016 Statistics

- 10,400 Irrigated Acres
- 21,000 AF Demand
- Avocados, Citrus, Winegrapes



# CropSWAP

## *Sustainable Water For Agricultural Production*

- Financial incentives for crop replacement
- Benefits:
  - Saves Water
  - Keeps Water Rates Low
  - Helps Sustain Local Agriculture



# CropSWAP

## Financial Incentives

Conversion Type	Incentive (\$/AF Annual Savings)*	Water Savings (AF/acre)	Total Incentive (\$/acre)
Avocado to Winegrape	\$5,000	3	\$15,000
Citrus to Winegrape	\$5,000	2	\$10,000
Avocado to Citrus	\$5,000	1	\$5,000

\*Savings expected to continue 10 years.





# Crop*SWAP*

## Tiered Rate Structure

Crop Type	Water Allocation (AF/acre)
Avocados	4.68
Citrus	3.43
Winegrapes	1.5



# Crop*SWAP*

## Participation Process



# CropSWAP

## Conversion Acreage and Savings

Conversion Type	# Applications	Acres	Savings (AF/yr)
Avocado to Winegrape	24	135	406
Citrus to Winegrape	8	164	328
Avocado to Citrus	12	93	93
Avocado to Olive	3	9	18
Avocado to Cut Flower	1	3	7
<b>TOTAL</b>	<b>48</b>	<b>404</b>	<b>852</b>

