

Dr. Ethan Orr Arizona Cooperative Extension

Agriculture, Natural Resources and Economic Development

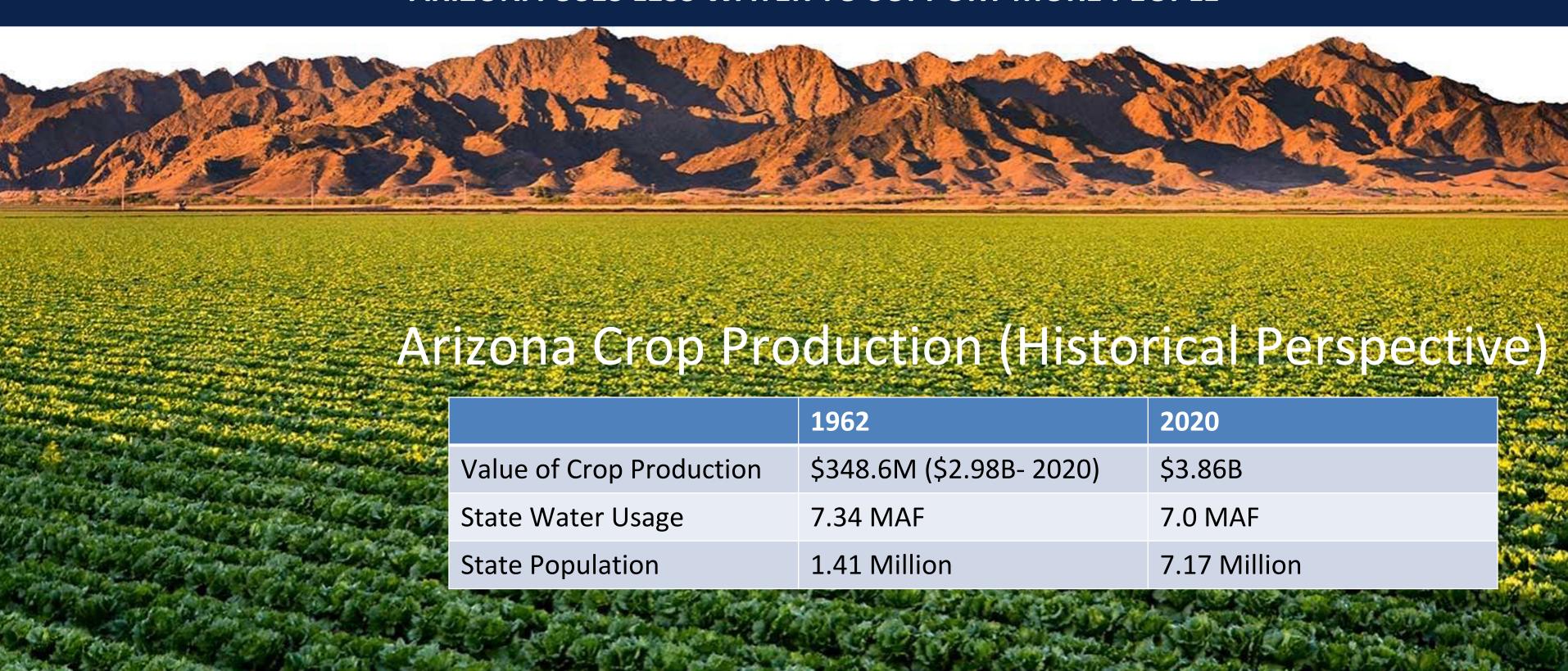






On-Farm/ Pasture Water Irrigation Efficiency Grant

ARIZONA USES LESS WATER TO SUPPORT MORE PEOPLE





THE UNIVERSITY OF ARIZONA Cooperative Extension



On-Farm Irrigation Funding

• \$30,000,000 American Recovery Grant

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• \$16,515,088 Private Sector

\$15,200,000 Arizona State Legislature

Total Project \$61,715,088

On-Farm/ Pasture Water Irrigation Efficiency Grant

18,513 acres

36,418 WAF Annual Savings

Increased Crop Productivity
Research into Soil Health/ Crops

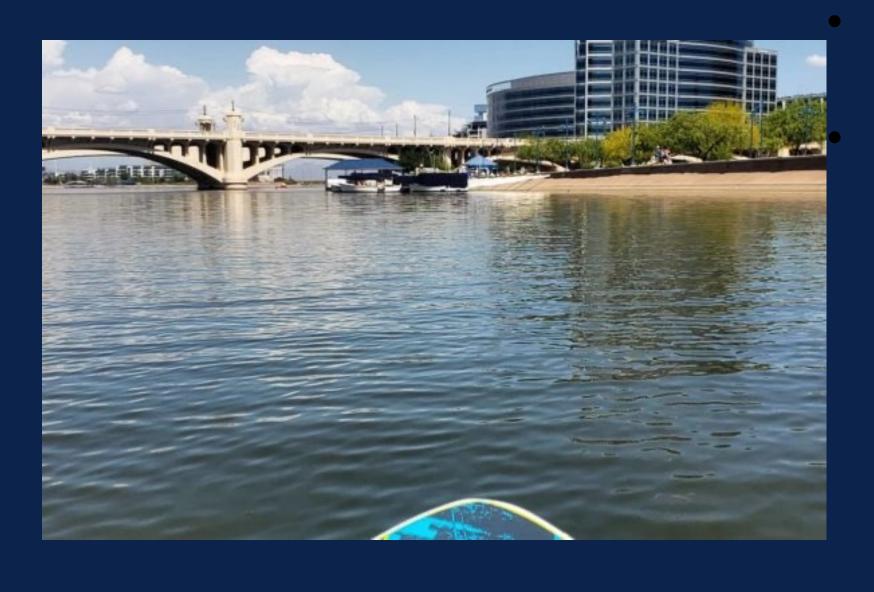
County		Grant Amount	Acres		Private Sector Match	Estimated Water Savings- Annual Acre- Feet
Apache	1	\$315,000	210		\$85,000	1,000
Cochise	2	\$144,000	96		\$364,564	208
Graham	1	\$180,015	120		\$179,985	363
La Paz	5	\$4,371,000	2,914			6,413
Maricopa	8	\$4,346,170	2,897	2,836	\$4,736,433	6,602
Mojave	1	\$999,000	666	134	\$170,000	2,850
Navajo	1	\$375,000	250			500
Pinal	10	\$4,584,557	3,056		\$4,359,777	4,920
Santa Cruz	1	\$199,200	133		\$199,200	105
Yavapai	2	\$303,600	202		\$303,404	1,364
Yuma	30	\$7,182,458	4,795	204	\$6,116.725	12,093
Total	62	\$23,000,000	15,339	3,174	\$16,515,088	36,418

On-Farm/ Pasture Water Irrigation Efficiency Grant

\$62 Million Project

Cross Disciplinary Team

Impacts

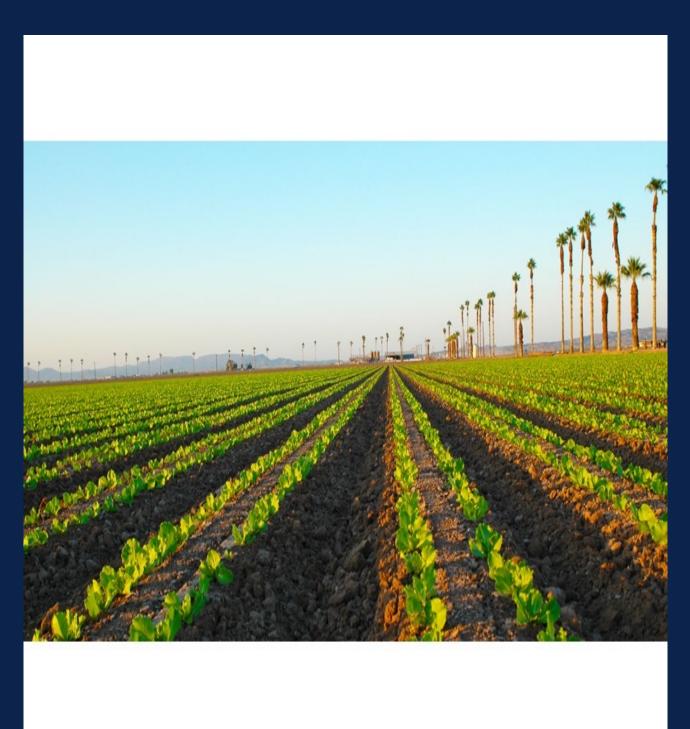


42% Private Sector Match
Cost of Conserving water - \$628 WAF

\$209 per WAF over the three-year program

- Current estimated annual water savings 36,418 WAF
- (Projected Annual Savings 58,710 WAF)
- Positive Externalities
- Employment/ Dust Control/ Heat Island

On-Farm/ Pasture Water Irrigation Efficiency Grant Additional Opportunities



- Telemetry AZMET
- Education Irrigators and Farm Workers
- Conveyance
- Soil Health and Irrigation Research

Business and Industry Partnership

Arizona Cooperative Extension

https://extension.arizona.edu/water-irrigation-efficiency-program



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