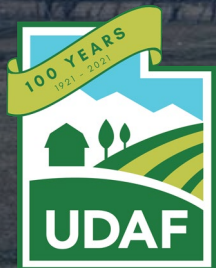


# Utah Department of Agriculture and Food Agricultural Water Optimization Grant Program

Natural Resources, Agriculture, and Environment Interim  
Committee

September 21, 2022





# Water Optimization Program

- **Water Optimization:** reduce consumptive water use, while maintaining or improving agriculture production and profitability, and providing increased operational flexibility for agriculture water users moving forward.
- **Water Quantification:** accurate real time measurement of diverted water will be an essential component in project ranking.
  - \$500,000 Cap
  - 50% Match
  - 20% Project Funds Withheld Until Final Report and Inspection
  - Real-time metering required to document water Savings



# Water Optimization summary

Application Period	Funding Available	# Applications Received	Funding Requested	# Applications Funded	Funding Awarded	Acres Impacted	Projected Water Savings
FY-2019	\$2,761,620	20	\$3,506,077	16	\$2,761,620	54,497	27,913 AF/Y
FY-2022	\$3,211,831	81	\$10,666,143	23	\$3,211,831	48,375	15,283 AF/Y
Spring FY-22	\$70,000,000	195	\$34,548,966	140	\$25,511,109	356,374	65,542 AF/Y
Fall FY-22	\$34,500,000	257	\$46,639,156	Ranking*	\$34,500,000**	361,567	92,197 AF/Y

- \*Application period closed September 1st, ranking committee is currently ranking projects
- \*\*There is only \$34,500,000 available of the \$70 million



# Water Optimization Fund Leverage

Application Period	Funding Requested	# Applications Funded	Funding Awarded	Total Project Cost	\$1.00 Spent	Acres Impacted	Projected Water Savings
FY-2019	\$3,506,077	16	\$2,761,620	\$15,763,257	\$5.77	54,497	27,913 AF/Y
FY-2022	\$10,666,143	19	\$2,713,155	\$9,742,947	\$3.59	48,375	15,283 AF/Y
Spring FY-22	\$34,548,966	141*	\$25,512,109	\$95,149,309	\$3.73	356,374	65,542 AF/Y
Fall FY-22	\$46,639,156	Ranking**	\$34,500,000***	\$164,235,753	\$4.76	361,567	92,197 AF/Y

- \*In the contracting phase, number will be adjusted when all contracts are in place
- \*\*Application period closed September 1st, ranking committee is currently ranking projects
- \*\*\*There is only \$34,500,000 available of the \$70 million



# Water Optimization Moving Forward

- Depending on the availability of funding, another round of applications may be solicited in the Spring of FY-2023.
- Actual data continues to be collected to document actual water savings. Monitoring at the watershed level is also going to be conducted to see the impacts to surface water flows.



# Questions:

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