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

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

* 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

- *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

<table>
<thead>
<tr>
<th>Application Period</th>
<th>Funding Requested</th>
<th># Applications Funded</th>
<th>Funding Awarded</th>
<th>Total Project Cost</th>
<th>$1.00 Spent</th>
<th>Acres Impacted</th>
<th>Projected Water Savings</th>
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</thead>
<tbody>
<tr>
<td>FY-2019</td>
<td>$3,506,077</td>
<td>16</td>
<td>$2,761,620</td>
<td>$15,763,257</td>
<td>$5.77</td>
<td>54,497</td>
<td>27,913 AF/Y</td>
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<td>$3.59</td>
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<tr>
<td>Spring FY-22</td>
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<td>141*</td>
<td>$25,512,109</td>
<td>$95,149,309</td>
<td>$3.73</td>
<td>356,374</td>
<td>65,542 AF/Y</td>
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<tr>
<td>Fall FY-22</td>
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<td>Ranking**</td>
<td>$34,500,000***</td>
<td>$164,235,753</td>
<td>$4.76</td>
<td>361,567</td>
<td>92,197 AF/Y</td>
</tr>
</tbody>
</table>
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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