

**Natural Resources Conservation Service**

**Application Ranking Summary**

**LWG\_Irrigated\_Crop\_Pasture**

<b>Program:</b>	<b>Ranking Date:</b>	<b>Application Number:</b>
<b>Ranking Tool:</b> LWG_Irrigated_Crop_Pasture		<b>Applicant:</b>
<b>Final Ranking Score:</b>		<b>Address:</b>
<b>Planner:</b>	<b>Telephone:</b>	
<b>Farm Location:</b>		

**National Priorities Addressed**

Issue Questions	Responses
If the application is for development of a Conservation Activity Plan (CAP), the agency will assign significant ranking priority and conservation benefit by answering “Yes” to the following question. Answering “Yes” to question 1a will result in the application being awarded the maximum amount of points that can be earned for the national priority category.	
1. a. Is the program application to support the development of a Conservation Activity Plan (CAP)? If answer is “Yes”, do not answer any other national level questions. If answer is “No”, proceed with evaluation to address the remaining questions in this section.	Yes <input type="radio"/> or No <input type="radio"/>
<b>Water Quality Degradation – Will the proposed project improve water quality by: (select all that apply)</b>	
2. a. Implementing the practices in a Comprehensive Nutrient Management Plan (CNMP)?	Yes <input type="radio"/> or No <input type="radio"/>
2. b. Implementing the practices in a Nutrient Management Plan (NMP)?	Yes <input type="radio"/> or No <input type="radio"/>
2. c. Reducing impacts from sediment, nutrients, salinity, or pesticides on land adjoining a designated “impaired water body” (TMDL, 303d listed waterbody, or other State designation)?	Yes <input type="radio"/> or No <input type="radio"/>
2. d. Reducing the impacts from sediment, nutrients, salinity, or pesticides in a “non-impaired water body”?	Yes <input type="radio"/> or No <input type="radio"/>
2. e. Implementing practices that improve water quality through animal mortality and carcass management?	Yes <input type="radio"/> or No <input type="radio"/>
<b>Water Conservation – Will the proposed project conserve water by: (select all that apply)</b>	
3. a. Implementing irrigation practices that reduce aquifer overdraft.	Yes <input type="radio"/> or No <input type="radio"/>
3. b. Implementing irrigation practices that reduce on-farm water use?	Yes <input type="radio"/> or No <input type="radio"/>
3. c. Implementing practices in an area where the applicant participates in a geographically established or watershed-wide project?	Yes <input type="radio"/> or No <input type="radio"/>
3. d. Implementing practices that reduce on-farm water use as a result of changing to crops with lower water consumptive use, the rotation of crops, or the modification of cultural operations?	Yes <input type="radio"/> or No <input type="radio"/>
<b>Air Quality - Will the proposed project improve air quality by: (select all that apply)</b>	
4. a. Meeting on-farm regulatory requirements relating to air quality or proactively avoid the need for regulatory measures?	Yes <input type="radio"/> or No <input type="radio"/>
4. b. Implementing practices that reduce on-farm emissions of particulate matter (PM2.5, PM10)?	Yes <input type="radio"/> or No <input type="radio"/>
4. c. Implementing practices that reduce on-farm generated greenhouse gases such as carbon dioxide (CO2), methane (CH4), and nitrous oxide (N2O)?	Yes <input type="radio"/> or No <input type="radio"/>
4. d. Implementing practices that increase on-farm carbon sequestration?	Yes <input type="radio"/> or No <input type="radio"/>
<b>Soil Health:– Will the proposed project improve soil health by: (select all that apply)</b>	
5. a. Reduce erosion to tolerable limits (Soil “T”)?	Yes <input type="radio"/> or No <input type="radio"/>
5. b. Increasing organic matter and carbon content, and improving soil tilth and structure?	Yes <input type="radio"/> or No <input type="radio"/>
<b>Wildlife Habitat – Will the proposed project improve wildlife habitat by: (select all that apply)</b>	
6. a. Implementing practices benefitting threatened and endangered, at-risk, candidate, or species of concern.	Yes <input type="radio"/> or No <input type="radio"/>
6. b. Implementing practices that retain wildlife and plant habitat on land exiting the Conservation	Yes <input type="radio"/> or No <input type="radio"/>

Reserve Program (CRP) or other set-aside program?	
6. c. Implementing practices benefitting honey bee populations or other pollinators?	Yes <input type="radio"/> or No <input type="radio"/>
6. d. Implementing land-based practices that improve habitat for aquatic wildlife?	Yes <input type="radio"/> or No <input type="radio"/>
Plant and Animal Communities: Will the proposed project improve plant and animal communities by: (select all that apply)	
7. a. Implementing practices that result in the management control of noxious or invasive plant species on non-cropland?	Yes <input type="radio"/> or No <input type="radio"/>
7. b. Implementing practice in an Integrated Pest Management Plan (IPM)?	Yes <input type="radio"/> or No <input type="radio"/>
Energy Conservation– Will the proposed project reduce energy use by: (select all that apply)	
8. a. Reducing on-farm energy consumption?	Yes <input type="radio"/> or No <input type="radio"/>
8. b. Implementing practice(s) identified in an approved AgEMP or energy audit, which meet ASABE S612 criteria?	Yes <input type="radio"/> or No <input type="radio"/>
Business Lines – Will the practices to be scheduled in the “EQIP Plan of Operations” result in:	
9. a. Enhancement of existing conservation practice(s) or conservation systems already in place at the time the application is received?	Yes <input type="radio"/> or No <input type="radio"/>

### State Issues Addressed

Issue Questions	Responses
Water Quantity--Questions 1-5. Answer only one of the first 3 questions. (Max points = 185)	
1. Will the planned treatment result in an increase in the FIRI index of greater than 16.	Yes <input type="radio"/> or No <input type="radio"/>
2. Will the planned treatment result in an increase in the FIRI index of greater than 11 to 15.	Yes <input type="radio"/> or No <input type="radio"/>
3. Will the planned treatment result in an increase in the FIRI index of 10 or less.	Yes <input type="radio"/> or No <input type="radio"/>
4. Will the planned treatment include a conversion to a micro-irrigation or drip irrigation system?	Yes <input type="radio"/> or No <input type="radio"/>
5. Will the planned treatment include a conversion to a more efficient type irrigation system (for example from flood to sprinkler)?	Yes <input type="radio"/> or No <input type="radio"/>
Water Quality--Question 6-7 (Max points 100)	
6. Will the proposed treatment have a positive effect on an identified resource concern of a Nevada 303d listed stream (for example, if heavy metals are identified as a resource concern for the 303d listing, will the treatment address this)?	Yes <input type="radio"/> or No <input type="radio"/>
7. Will the planned treatment include a vegetative practice (example - riparian buffers, etc.) which will result in reduced non-point source pollution, groundwater contamination or point source contamination?	Yes <input type="radio"/> or No <input type="radio"/>
Soil Health --Questions 8-11 (Answer only one of questions 8-10) (Max points 20)	
8. Will the planned treatment result in an increase in the SCI of greater than 0.5 (as evidenced through use of the RUSLE tool)?	Yes <input type="radio"/> or No <input type="radio"/>
9. Will the planned treatment result in an increase in the SCI of 0.4 to 0.5 (as evidenced through use of the RUSLE tool)?	Yes <input type="radio"/> or No <input type="radio"/>
10. Will the planned treatment result in an increase in the SCI of greater than 0.1 up to and including 0.3 (as evidenced through use of the RUSLE tool)?	Yes <input type="radio"/> or No <input type="radio"/>
11. Will proposed treatments address soil quality through application of management practices (such as residue management , nutrient management and crop rotations) and are based on recommendations from soil tests completed in the last two years?	Yes <input type="radio"/> or No <input type="radio"/>
Energy Conservation - Questions 12-14. Answer only ONE of questions 12-14 regarding percent of energy savings based on the measures/practices PRODUCER INTENDS TO INSTALL. Percentage energy savings = (total estimated energy saved / total current energy usage). Maximum points 50.	
12. Will the recommended measures/practices (to be installed through this contract) achieve a total estimated percent reduction in energy use (i.e., % energy savings) greater than 40%? Must provide appropriate documentation to verify energy savings, such as pumping plant evaluations, etc.	Yes <input type="radio"/> or No <input type="radio"/>
13. Will the recommended measures/practices (to be installed through this contract) achieve a total estimated percent reduction in energy use (i.e., % energy savings) between 25% and 39%? Must provide appropriate documentation to verify energy savings, such as pumping plant evaluations, etc.	Yes <input type="radio"/> or No <input type="radio"/>
14. Will the recommended measures/practices (to be installed through this contract) achieve a total	Yes <input type="radio"/> or No <input type="radio"/>

estimated percent reduction in energy use (i.e., % energy savings) between 5 and 24%? Must provide appropriate documentation to verify energy savings, such as pumping plant evaluations, etc.	
Other - Questions 15-16. (Max Points = 45)	
15. Will the proposed treatment result in an alteration of normal harvest or mechanical treatments which promote habitat conservation (nesting, resting, shelter, feed)?	Yes <input type="radio"/> or No <input type="radio"/>
16. Will the proposed treatment utilize practices or activities which take land out of production to provide habitat (food plots, shelterbelts, etc.)?	Yes <input type="radio"/> or No <input type="radio"/>

**Local Issues Addressed**

Issue Questions	Responses
Water Quantity--Inefficient Use of Water on Irrigated Land (Answer only one of questions 1-3) (Max points = 50)	
1. Will the proposed treatment improve irrigation water delivery or application efficiency to all irrigated acres within the producer's control in geographical area of the funding pool (the proposed treatment fully address the water quantity resource concern)?	Yes <input type="radio"/> or No <input type="radio"/>
2. Will the proposed treatment improve irrigation water delivery or application efficiency to greater than 50% of the irrigated acres but not all acres within the producer's control in the geographical area of the funding pool (the proposed treatment only partially addresses the water quantity resource concern)?	Yes <input type="radio"/> or No <input type="radio"/>
3. Will the proposed treatment improve irrigation water delivery or application efficiency to 25 to 50% of the irrigated acres within the producer's control in the geographical area of the funding pool (the proposed treatment only partially addresses the water quantity resource concern)?	Yes <input type="radio"/> or No <input type="radio"/>
Other--questions 4-6 (Max points = 200)	
4. Will the planned treatment occur on agricultural land that is part of an existing conservation easement?	Yes <input type="radio"/> or No <input type="radio"/>
5. Will the planned treatment address soil health quality resource concerns through an approved soil quality health management plan that incorporates practices such as nutrient management, cover crops and mulching to increase organic matter in the soil? Soil quality health plan must be approved by NRCS State Agronomist.	Yes <input type="radio"/> or No <input type="radio"/>
6. Will the planned treatment address and fully treat two or more high priority resource concerns as identified by the local work group?	Yes <input type="radio"/> or No <input type="radio"/>

**Land Use:**

Resource Concerns	Practices
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**Ranking Score**

Efficiency:
Local Issues:
State Issues:
National Issues:
<b>Final Ranking Score:</b>

This ranking report is for your information. It does not in any way guarantee funding. When funding becomes available, you will be notified if your application is selected for funding. Some changes to the application may be required before a final contract is awarded.

Notes:

<b>NRCS Representative:</b>	<b>Applicant Signature Not Required on this report for Contract Development unless required by State policy:</b>
<b>Signature Date:</b>	<b>Signature Date:</b>