

Natural Resources Conservation Service

**Application Ranking Summary  
2019 AMA Sprinkler Irrigation**

<b>Program:</b>	<b>Ranking Date:</b>	<b>Application Number:</b>
<b>Ranking Tool:</b> 2019 AMA Sprinkler Irrigation		<b>Applicant:</b>
<b>Final Ranking Score:</b>		<b>Address:</b>
<b>Planner:</b>	<b>Telephone:</b>	
<b>Farm Location:</b>		

**National Priorities Addressed**

<b>Issue Questions</b>	<b>Responses</b>
Clean and Abundant Water: Water Quality - Will the proposed project assist the producer to:	
1. a. Meet regulatory requirements relating to animal feeding operations, or proactively avoid the need for regulatory measures?	Yes <input type="radio"/> or No <input type="radio"/>
1. b. Reduce sediment, nutrients or pesticides from agricultural operations located within a field that adjoins a designated "impaired water body" (TMDL, 303d, etc.)?	Yes <input type="radio"/> or No <input type="radio"/>
1. c. Reduce sediment, nutrients or pesticides from agricultural operations located within a field that adjoins a "non-impaired water body"?	Yes <input type="radio"/> or No <input type="radio"/>
Clean and Abundant Water: Water Conservation - Will the proposed project assist the producer to implement conservation practices which:	
2. a. Decrease aquifer overdraft?	Yes <input type="radio"/> or No <input type="radio"/>
2. b. Conserve water from irrigation system improvements and saved water will be available for other beneficial uses?	Yes <input type="radio"/> or No <input type="radio"/>
2. c. Conserve water in an area where the applicant participates in a geographically established or watershed-wide project?	Yes <input type="radio"/> or No <input type="radio"/>
Clean Air: Treatment of air quality from on-farm agricultural sources - Will the proposed project assist the producer to implement practice(s) which:	
3. a. Meet 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"/>
3. b. Reduce on-farm generated greenhouse gases such as CO2 (Carbon Dioxide), CH4 (Methane), and N2O (Nitrous Oxide)?	Yes <input type="radio"/> or No <input type="radio"/>
3. c. Increase on-farm carbon sequestration?	Yes <input type="radio"/> or No <input type="radio"/>
Soil Health: Will the proposed project assist the producer to implement practice(s) which:	
4. a. Reduce erosion to tolerable limits (Soil "T")?	Yes <input type="radio"/> or No <input type="radio"/>
4. b. Improve soil tilth, organic matter, structure, health, etc.?	Yes <input type="radio"/> or No <input type="radio"/>
Healthy Plant and Animal Communities: Wildlife Habitat Conservation - Will the proposed project assist the producer to implement practice(s) which:	
5. a. Benefit on-farm habitat associated with threatened and endangered, at-risk, candidate, or species of concern as identified in a State wildlife plan?	Yes <input type="radio"/> or No <input type="radio"/>
5. b. Help retain wildlife and plant habitat on land exiting the Conservation Reserve Program (CRP)?	Yes <input type="radio"/> or No <input type="radio"/>
High Quality, Productive Soils, Healthy Plant and Animal Communities: Will the proposed project assist the producer to implement practices which:	
6. a. Help manage or control noxious or invasive species on non-cropland?	Yes <input type="radio"/> or No <input type="radio"/>
6. b. Increase, or improve habitat to benefit pollinator or other targeted wildlife species?	Yes <input type="radio"/> or No <input type="radio"/>
6. c. Properly dispose of livestock carcasses?	Yes <input type="radio"/> or No <input type="radio"/>
6. d. Are identified in an Integrated Pest Management plan?	Yes <input type="radio"/> or No <input type="radio"/>
6. e. Are identified in a Nutrient Management plan?	Yes <input type="radio"/> or No <input type="radio"/>
6. f. Apply principles of adaptive nutrient management?	Yes <input type="radio"/> or No <input type="radio"/>

Energy Conservation - Will the proposed project assist the producer to implement practices which:	
7. a. Reduce energy consumption on the agricultural operation?	Yes <input type="radio"/> or No <input type="radio"/>
7. b. Increase on-farm energy efficiency with practices and improvements identified in an approved energy audit equivalent to criteria required in Ag EMP?	Yes <input type="radio"/> or No <input type="radio"/>
7. c. Assist in implementing energy conservation measures that also reduce greenhouse gas emissions and other air pollutants?	Yes <input type="radio"/> or No <input type="radio"/>
Business Lines - Conservation Implementation Additional Ranking Considerations - Will the proposed project result in:	
8. a. Implementation of all conservation practices scheduled in the contract on the CPA-1155 within three years of date of obligation?	Yes <input type="radio"/> or No <input type="radio"/>
8. b. Improvement of existing conservation practices or conservation systems already in place at the time the application is accepted?	Yes <input type="radio"/> or No <input type="radio"/>
8. c. Implementation of practice(s) which will complete an existing conservation system or suite of practices?	Yes <input type="radio"/> or No <input type="radio"/>

### State Issues Addressed

Issue Questions	Responses
Answer only ONE of 1a-1f in regards to available water capacity (AWC). Use numbers in the representative value (rv) column of the AWC table in section II of the e-FOTG. If necessary, set up weighted average table for multiple soil types in a field.	
1. a. Weighted average available water capacity (AWC) is > 6? 10 points	Yes <input type="radio"/> or No <input type="radio"/>
1. b. Weighted average available water capacity (AWC) is >5, but < or = 6? 50 points	Yes <input type="radio"/> or No <input type="radio"/>
1. c. Weighted average available water capacity >4, but < or = 5? 75 points	Yes <input type="radio"/> or No <input type="radio"/>
1. d. Weighted average available water capacity >3, but < or = 4? 100 points	Yes <input type="radio"/> or No <input type="radio"/>
1. e. Weighted average available water capacity >2, but < or = 3? 150 points	Yes <input type="radio"/> or No <input type="radio"/>
1. f. Weighted average available water capacity < or = 2? 200 points	Yes <input type="radio"/> or No <input type="radio"/>
Answer in regards to Soil Condition Index:	
2. Soil Condition Index > 0? 50 points	Yes <input type="radio"/> or No <input type="radio"/>
Answer only ONE of 3a-3f in regards to crop type:	
3. a. Predominate crop grown is commonly consumed raw or fresh (i.e. berries, leafy/salad greens, peppers, tomatoes etc)? 100 points	Yes <input type="radio"/> or No <input type="radio"/>
3. b. Predominate crop grown is commonly consumed cooked (i.e., beans, sweet corn, peas, potatoes, pumpkins, etc)? 75 points	Yes <input type="radio"/> or No <input type="radio"/>
3. c. Predominate crop grown is Flower crops, Ornamental potted crops, and/or Shrubs? 50 points	Yes <input type="radio"/> or No <input type="radio"/>
3. d. Predominate crop grown is Alfalfa and/or Apples? 25 points	Yes <input type="radio"/> or No <input type="radio"/>
3. e. Predominate crop grown is Field Corn, Millet, Forages, and/or Turf? 15 points	Yes <input type="radio"/> or No <input type="radio"/>
3. f. Predominate crop grown is Rye, Wheat, Oats, and/or Barley? 5 points	Yes <input type="radio"/> or No <input type="radio"/>
Answer in regards to irrigation water source:	
4. Is the irrigation water source NOT subject to State of Maine low flow rules (ME DEP rule Chapter 587)? 50 points	Yes <input type="radio"/> or No <input type="radio"/>

### Local Issues Addressed

Issue Questions	Responses
Answer only ONE of 1a-1d in regards to the proposed irrigation system:	
1. a. Does the proposed system have an efficiency rating of at least 90%? 125 points	Yes <input type="radio"/> or No <input type="radio"/>
1. b. Does the proposed system have an efficiency rating of at least 85%? 100 points	Yes <input type="radio"/> or No <input type="radio"/>
1. c. Does the proposed system have an efficiency rating of at least 70%? 75 points	Yes <input type="radio"/> or No <input type="radio"/>
1. d. Does the proposed system have an efficiency rating of at least 67%? 50 points	Yes <input type="radio"/> or No <input type="radio"/>
Answer as applicable:	

2. Will the proposed sprinkler irrigation system provide frost protection for the predominant crop? 50 points	Yes <input type="radio"/> or No <input type="radio"/>
3. Is the proposed irrigation system the first engineered irrigation system on the farm? 50 points	Yes <input type="radio"/> or No <input type="radio"/>
4. Does the farming operation regularly sell agricultural products within a 100 mile radius? 50 points	Yes <input type="radio"/> or No <input type="radio"/>

**Land Use:**

<b>Resource Concerns</b>	<b>Practices</b>
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**Ranking Score**

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

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