

**Natural Resources Conservation Service**

**Application Ranking Summary  
Flint River Variable Rate Irrigation**

<b>Program:</b>	<b>Ranking Date:</b>	<b>Application Number:</b>
<b>Ranking Tool:</b> Flint River Variable Rate 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**

Issue Questions	Responses
<b>Clean and Abundant Water: Water Conservation – Will the proposed project assist the producer to:</b>	
1. a. Convert land from irrigated farming to dryland farming?	Yes <input type="radio"/> or No <input type="radio"/>
1. b. Conserve water from irrigation system improvements and result in estimated water savings of at least 5% and saved water will be available for other beneficial uses?	Yes <input type="radio"/> or No <input type="radio"/>
1. c. Increase groundwater recharge in an identified groundwater depletion area ( <a href="http://water.usgs.gov/ogw/rasa/html/TOC.html">http://water.usgs.gov/ogw/rasa/html/TOC.html</a> )?	Yes <input type="radio"/> or No <input type="radio"/>
1. d. Implement irrigation water management (IWM-449)?	Yes <input type="radio"/> or No <input type="radio"/>
1. e. Conserve water in a project located within an approved AWEP priority area?	Yes <input type="radio"/> or No <input type="radio"/>
1. f. Reduce water use consistent with State law or where the applicant agrees not to use any associated water savings to bring new land under irrigation production?	Yes <input type="radio"/> or No <input type="radio"/>
1. g. Mitigate the effects of drought in a project located within a designated AWEP exceptional drought (D-4) area?	Yes <input type="radio"/> or No <input type="radio"/>
1. h. Maintain return flow irrigation for existing wildlife habitat and pollinators?	Yes <input type="radio"/> or No <input type="radio"/>
<b>Clean and Abundant Water: Water Quality – Will the proposed project assist the producer to:</b>	
2. 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"/>
2. b. Reduce sediment, nutrients or pesticides from agricultural operations located within a field that adjoins a designated impaired water body?	Yes <input type="radio"/> or No <input type="radio"/>
2. c. Reduce sediment, nutrients or pesticides from agricultural operations located within a field that adjoins a water body?	Yes <input type="radio"/> or No <input type="radio"/>
2. d. Reduce depletion or sources of pollution to groundwater?	Yes <input type="radio"/> or No <input type="radio"/>
<b>High Quality, Productive Soils Erosion Reduction – Will the proposed project assist the producer to:</b>	
3. a. Reduce erosion to tolerable limits (Soil “T”)?	Yes <input type="radio"/> or No <input type="radio"/>
<b>Business Lines – Conservation Implementation Additional Ranking Considerations - Will the proposed project:</b>	
4. a. Result in implementation of all planned conservation practices within three years of contract obligation?	Yes <input type="radio"/> or No <input type="radio"/>
4. b. Leverage financial resources from an AWEP partner to implement conservation practices?	Yes <input type="radio"/> or No <input type="radio"/>
4. c. Improve existing conservation practices or conservation systems already in place at the time the application is accepted, or will complete an existing conservation system?	Yes <input type="radio"/> or No <input type="radio"/>
4. d. Fund a “joint application” from multiple producers which address priorities of an approved AWEP project area?	Yes <input type="radio"/> or No <input type="radio"/>

**State Issues Addressed**

Issue Questions	Responses
1. Is over 50% of the application acreage within the boundaries of a hydrologic unit area (HUC) listed on Georgia EPD's 303d list of streams for non-point source pollution, designated as "NON-SUPPORTING"?	Yes <input type="radio"/> or No <input type="radio"/>
2. Will the practices installed result in a soil erosion rate of less than 2T?	Yes <input type="radio"/> or No <input type="radio"/>

3. Will the practices installed result in an improvement to the water quality by the reduction in nutrient and/or sediment loading of water bodies?	Yes <input type="radio"/> or No <input type="radio"/>
4. Will the practices installed result in an improvement in animal health and condition?	Yes <input type="radio"/> or No <input type="radio"/>
5. Will the practices installed result in an improvement in and an increase in water conservation?	Yes <input type="radio"/> or No <input type="radio"/>
6. Will the practices installed result in a potential improvement in habitat for at risk species identified by local NRCS, Georgia DNR, and/or US Fish & Wildlife Service?	Yes <input type="radio"/> or No <input type="radio"/>
7. Will the practices installed result in a positive SCI to promote soil organic matter and soil health?	Yes <input type="radio"/> or No <input type="radio"/>
8. Will the practices installed result in an increase in energy efficiency and/or a reduction in energy consumption?	Yes <input type="radio"/> or No <input type="radio"/>

**Local Issues Addressed**

Issue Questions	Responses
1. If funded, will this be the first time that you have received payment assistance to address the water conservation resource concern?	Yes <input type="radio"/> or No <input type="radio"/>
2. Are other precision ag technologies (RTK< GPS, zone or grid nutrient sampling and application) utilized by this applicant.	Yes <input type="radio"/> or No <input type="radio"/>
3. Does the irrigation system covered by this application already have low pressure rotator or wobbler type sprinklers?	Yes <input type="radio"/> or No <input type="radio"/>
4. Will you follow an Irrigation Water Management Plan (449) and provide records to NRCS?	Yes <input type="radio"/> or No <input type="radio"/>
5. Will you also install and implement Sod Based Rotation under this application/contract?	Yes <input type="radio"/> or No <input type="radio"/>
6. Will you also install and implement Remote Soil Moisture Monitoring under the application/contract?	Yes <input type="radio"/> or No <input type="radio"/>
7. Is the water source supplying water to the irrigation system in this application permitted by GA EPD? Must provide copy of permit during application.	Yes <input type="radio"/> or No <input type="radio"/>
Answer "YES" to only one (1) of questions 8, 9, 10 and 11.	
8. Will less than 30% of the pivot pipe length be regulated with Variable Rate Irrigation controls?	Yes <input type="radio"/> or No <input type="radio"/>
9. Will between 31% and 50% of the pivot pipe length be regulated with Variable Rate Irrigation controls?	Yes <input type="radio"/> or No <input type="radio"/>
10. Will between 51% and 70% of the pivot pipe length be regulated with Variable Rate Irrigation controls?	Yes <input type="radio"/> or No <input type="radio"/>
11. Will greater than 70% of the pivot pipe length be regulated with Variable Rate Irrigation controls?	Yes <input type="radio"/> or No <input type="radio"/>
Answer "YES" to only one (1) of questions 12, 13 and 14.	
12. Will the % (expressed as a % of the pivot boom irrigated acres) of non-cropped area that VRI reduces or eliminates irrigation on be between 0 and 5 %?	Yes <input type="radio"/> or No <input type="radio"/>
13. Will the % (expressed as a % of the pivot boom irrigated acres) of non-cropped area that VRI reduces or eliminates irrigation on be between 6 and 10 %?	Yes <input type="radio"/> or No <input type="radio"/>
14. Will the % (expressed as a % of the pivot boom irrigated acres) of non-cropped area that VRI reduces or eliminates irrigation on greater than 10 %?	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>Application Signature Not Required for Contract Development unless required by State policy:</b>
<b>Signature Date:</b>	<b>Signature Date:</b>