# Ranking Pool Report

**Ranking Pool** Climate Smart Irrigation - AL - FY2025 (ACT NOW)

**Program** EQIP

**Pool Status** Active

**Tags** ACT NOW, IRA

**Template** EQIP General National Ranking Template - Amended October 2023

**Template Status** Active

**Existing Practice Included** No

**Last Modified By** Joe Cochran

**Last Modified** 12/16/2024

**National Pool** No

**Include States** AL (Admin)

## Land Uses and Modifiers

| Land Use | Grazed | Wildlife | Irrigated | Hayed | Drained | Organic | Water Feature | Protected | Urban | Aquaculture |
|---|---|---|---|---|---|---|---|---|---|---|
| Associated Ag Land | -- | -- | -- | -- | N/A | -- | -- | -- | -- | -- |
| Crop | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Farmstead | -- | -- | -- | N/A | N/A | -- | -- | -- | -- | -- |
| Pasture | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

## Resource Concern Categories

### Categories

| Category | Min % | Default % | Max % |
|---|---|---|---|
| Air quality emissions | 0 | 15 | 100 |
| Field sediment, nutrient and pathogen loss | 0 | 20 | 100 |
| Soil quality limitations | 0 | 15 | 100 |
| Source water depletion | 0 | 20 | 100 |
| Weather resilience | 0 | 30 | 100 |

### Air quality emissions

| Resource Concern | Min % | Default % | Max % |
|---|---|---|---|
| Emissions of airborne reactive nitrogen | 0 | 30 | 100 |
| Emissions of greenhouse gases - GHGs | 0 | 40 | 100 |
| Emissions of ozone precursors | 0 | 30 | 100 |

### Field sediment, nutrient and pathogen loss

| Resource Concern | Min % | Default % | Max % |
|---|---|---|---|

| Field sediment, nutrient and pathogen loss | | | |
|---|---|---|---|
| **Resource Concern** | **Min %** | **Default %** | **Max %** |
| Nutrients transported to groundwater | 0 | 15 | 100 |
| Nutrients transported to surface water | 0 | 25 | 100 |
| Pathogens and chemicals from manure, biosolids or compost applications transported to groundwater | 0 | 15 | 100 |
| Pathogens and chemicals from manure, biosolids or compost applications transported to surface water | 0 | 25 | 100 |
| Sediment transported to surface water | 0 | 20 | 100 |

| Soil quality limitations | | | |
|---|---|---|---|
| **Resource Concern** | **Min %** | **Default %** | **Max %** |
| Aggregate instability | 0 | 20 | 100 |
| Compaction | 0 | 15 | 100 |
| Concentration of salts or other chemicals | 0 | 15 | 80 |
| Organic matter depletion | 0 | 30 | 100 |
| Soil organism habitat loss or degradation | 0 | 20 | 100 |

| Source water depletion | | | |
|---|---|---|---|
| **Resource Concern** | **Min %** | **Default %** | **Max %** |
| Groundwater depletion | 0 | 15 | 90 |
| Inefficient irrigation water use | 0 | 50 | 90 |
| Surface water depletion | 0 | 35 | 90 |

| Weather resilience | | | |
|---|---|---|---|
| **Resource Concern** | **Min %** | **Default %** | **Max %** |
| Naturally available moisture use | 0 | 50 | 100 |
| Seasonal high water table | 0 | 50 | 100 |

## Practices

| Practice Name | Practice Code | Practice Narratives | Practice Type |
|---|---|---|---|
| Sprinkler System | 442 | 02N, 03N, 04N | Conservation Practices |

## Ranking Weights

| Factors | Algorithm | Allowable Min | Default | Allowable Max |
|---|---|---|---|---|
| Vulnerabilities | Default | 10 | 25 | 40 |

| Factors | Algorithm | Allowable Min | Default | Allowable Max |
|---|---|---|---|---|
| Planned Practice Effects | Adjustment (D) | 15 | 15 | 15 |
| Resource Priorities | Default | 20 | 35 | 60 |
| Program Priorities | Default | 5 | 15 | 15 |
| Efficiencies | Default | 10 | 10 | 10 |

## Display Group: Climate Smart Irrigation - AL - FY2025 (Active)

An asterisk will be displayed to show that it is a conditional section or conditional question.

## Survey: Applicability Questions

| Section: Applicability | | |
|---|---|---|
| **Question** | **Answer Choices** | **Points** |
| Is this a Climate Smart Irrigation Initiative application? | YES | -- |
| | NO | -- |

## Survey: Category Questions

| Section: Category | | |
|---|---|---|
| **Question** | **Answer Choices** | **Points** |
| The application is for: | Conversion from High Pressure System to Low Pressure Center Pivot System (may include Variable Rate Technology) | -- |
| | Solely retrofitting an existing High Pressure Center Pivot to Low Pressure (may include Variable Rate Technology) | -- |
| | Solely retrofitting an existing low pressure center pivot with Variable Rate Technology | -- |
| | None of the above | -- |

## Survey: Program Questions

| Section: Program | | |
|---|---|---|
| **Question** | **Answer Choices** | **Points** |
| Improving impaired water body? (303d or TMDL) | Impaired | 50 |
| | Otherwise | 0 |
| Benefit T and E Species | within a strategic habitat unit. | 25 |
| | Otherwise | 0 |
| Is the acreage predominately Prime Farmland? | YES | 25 |
| | NO | 0 |

| Section: Program | | |
|---|---|---|
| **Question** | **Answer Choices** | **Points** |
| Is the field classidied as not limited for irrigation based on soils data? | YES | 50 |
| | NO | 0 |

## Survey: Resource Questions

| Section: Resource | | |
|---|---|---|
| **Question** | **Answer Choices** | **Points** |
| Select One: | An existing center pivot's high pressure sprinklers are to be converted to low pressure drop nozzles | 140 |
| | A traveling system is to be converted to a low pressure center pivot or linear move system | 120 |
| | A traveling gun system is to be converted to a low pressure drop nozzle center pivot system that will include VRI GPS technology? Must be enough odd areas (minimum 5% of area to be irrigated) or variation in soils to justify VRI | 160 |
| | A center pivot system is being retrofitted with low pressure drop nozzles and retrofitted with VRI GPS technology at the same time? Must be enough odd areas (minimum 5% of area to be irrigated) or variation in soils to justify VRI | 180 |
| | A center pivot system that already has low pressure drop nozzles is being retrofitted with VRI GPS technology? Must be enough odd areas (minimum 5% of area to be irrigated) or variation in soils to justify VRI | 200 |
| | None of the above | 0 |

## Detailed Assessments

| Name | Type | Jurisdiction | Status |
|---|---|---|---|