



Ranking Pool Report

Ranking Pool: Socially Disadvantaged (IRA) - AL - FY2024

Program: EQIP

Pool Status: Active

States: AL (Admin)

Template: EQIP General National Ranking Template - Amended October 2023

Template Status: Active

Last Modified By: Joe Cochran

Last Modified: 01/11/2024
4

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 | -- | -- | -- | -- | -- |
| Forest | -- | -- | -- | N/A | N/A | -- | -- | -- | -- | -- |
| Pasture | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Resource Concern Categories

| Categories | | | |
|--|-------|-----------|-------|
| Category | Min % | Default % | Max % |
| Concentrated erosion | 0 | 8 | 100 |
| Soil quality limitations | 0 | 8 | 100 |
| Wind and water erosion | 0 | 8 | 100 |
| Field sediment, nutrient and pathogen loss | 0 | 5 | 100 |
| Source water depletion | 0 | 5 | 100 |
| Storage and handling of pollutants | 0 | 2 | 100 |
| Air quality emissions | 0 | 2 | 100 |
| Degraded plant condition | 0 | 10 | 100 |
| Fire management | 0 | 5 | 100 |
| Pest pressure | 0 | 5 | 100 |
| Aquatic habitat | 0 | 5 | 100 |
| Livestock production limitation | 0 | 30 | 100 |
| Terrestrial habitat | 0 | 2 | 100 |
| Inefficient energy use | 0 | 5 | 100 |

Concentrated erosion

| Resource Concern | Min % | Default % | Max % |
|--|-------|-----------|-------|
| Bank erosion from streams, shorelines or water conveyance channels | 0 | 30 | 100 |
| Classic gully erosion | 0 | 35 | 100 |
| Ephemeral gully erosion | 0 | 35 | 100 |

Soil quality limitations

| Resource Concern | Min % | Default % | Max % |
|---|-------|-----------|-------|
| Aggregate instability | 0 | 20 | 100 |
| Compaction | 0 | 30 | 100 |
| Organic matter depletion | 0 | 30 | 100 |
| Soil organism habitat loss or degradation | 0 | 20 | 100 |

Wind and water erosion

| Resource Concern | Min % | Default % | Max % |
|------------------------|-------|-----------|-------|
| Sheet and rill erosion | 0 | 100 | 100 |

Field sediment, nutrient and pathogen loss

| Resource Concern | Min % | Default % | Max % |
|---|-------|-----------|-------|
| Nutrients transported to groundwater | 0 | 20 | 100 |
| Nutrients transported to surface water | 0 | 20 | 100 |
| Pathogens and chemicals from manure, biosolids or compost applications transported to groundwater | 0 | 20 | 100 |
| Pathogens and chemicals from manure, biosolids or compost applications transported to surface water | 0 | 20 | 100 |
| Sediment transported to surface water | 0 | 20 | 100 |

Source water depletion

| Resource Concern | Min % | Default % | Max % |
|----------------------------------|-------|-----------|-------|
| Groundwater depletion | 0 | 35 | 90 |
| Inefficient irrigation water use | 0 | 35 | 90 |
| Surface water depletion | 0 | 30 | 90 |

Storage and handling of pollutants

| Resource Concern | Min % | Default % | Max % |
|---|-------|-----------|-------|
| Nutrients transported to groundwater | 0 | 25 | 100 |
| Nutrients transported to surface water | 0 | 25 | 100 |
| Petroleum, heavy metals and other pollutants transported to groundwater | 0 | 25 | 100 |
| Petroleum, heavy metals and other pollutants transported to surface water | 0 | 25 | 100 |

Air quality emissions

| Resource Concern | Min % | Default % | Max % |
|--|-------|-----------|-------|
| Emissions of airborne reactive nitrogen | 0 | 20 | 100 |
| Emissions of greenhouse gases - GHGs | 0 | 20 | 100 |
| Emissions of ozone precursors | 0 | 20 | 100 |
| Emissions of particulate matter (PM) and PM precursors | 0 | 20 | 100 |
| Objectionable odor | 0 | 20 | 100 |

Degraded plant condition

| Resource Concern | Min % | Default % | Max % |
|---------------------------------|-------|-----------|-------|
| Plant productivity and health | 0 | 50 | 100 |
| Plant structure and composition | 0 | 50 | 100 |

Fire management

| Resource Concern | Min % | Default % | Max % |
|---|-------|-----------|-------|
| Wildfire hazard from biomass accumulation | 0 | 100 | 100 |

Pest pressure

| Resource Concern | Min % | Default % | Max % |
|---------------------|-------|-----------|-------|
| Plant pest pressure | 0 | 100 | 100 |

Aquatic habitat

| Resource Concern | Min % | Default % | Max % |
|--|-------|-----------|-------|
| Aquatic habitat for fish and other organisms | 0 | 50 | 100 |
| Elevated water temperature | 0 | 50 | 100 |

Livestock production limitation

| Resource Concern | Min % | Default % | Max % |
|---|-------|-----------|-------|
| Feed and forage balance | 0 | 35 | 100 |
| Inadequate livestock shelter | 0 | 30 | 100 |
| Inadequate livestock water quantity, quality and distribution | 0 | 35 | 100 |

Terrestrial habitat

| Resource Concern | Min % | Default % | Max % |
|--|-------|-----------|-------|
| Terrestrial habitat for wildlife and invertebrates | 0 | 100 | 100 |

Inefficient energy use

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

Inefficient energy use

| Resource Concern | Min % | Default % | Max % |
|--|-------|-----------|-------|
| Energy efficiency of equipment and facilities | 0 | 50 | 100 |
| Energy efficiency of farming/ranching practices and field operations | 0 | 50 | 100 |

Practices

| Practice Name | Practice Code | Practice Type |
|--|---------------|------------------------|
| Brush Management | 314 | Conservation Practices |
| Herbaceous Weed Treatment | 315 | Conservation Practices |
| Composting Facility | 317 | Conservation Practices |
| Conservation Cover | 327 | Conservation Practices |
| Conservation Crop Rotation | 328 | Conservation Practices |
| Residue and Tillage Management, No Till | 329 | Conservation Practices |
| Prescribed Burning | 338 | Conservation Practices |
| Cover Crop | 340 | Conservation Practices |
| Critical Area Planting | 342 | Conservation Practices |
| Residue and Tillage Management, Reduced Till | 345 | Conservation Practices |
| Combustion System Improvement | 372 | Conservation Practices |
| Energy Efficient Agricultural Operation | 374 | Conservation Practices |
| Silvopasture | 381 | Conservation Practices |
| Fuel Break | 383 | Conservation Practices |
| Field Border | 386 | Conservation Practices |
| Riparian Forest Buffer | 391 | Conservation Practices |
| Filter Strip | 393 | Conservation Practices |
| Grassed Waterway | 412 | Conservation Practices |
| Wildlife Habitat Planting | 420 | Conservation Practices |
| Hedgerow Planting | 422 | Conservation Practices |
| Irrigation Pipeline | 430 | Conservation Practices |
| Irrigation System, Microirrigation | 441 | Conservation Practices |

| Practice Name | Practice Code | Practice Type |
|------------------------------------|---------------|------------------------|
| Sprinkler System | 442 | Conservation Practices |
| Mulching | 484 | Conservation Practices |
| Pasture and Hay Planting | 512 | Conservation Practices |
| Prescribed Grazing | 528 | Conservation Practices |
| Pumping Plant | 533 | Conservation Practices |
| Nutrient Management | 590 | Conservation Practices |
| Tree/Shrub Establishment | 612 | Conservation Practices |
| Waste Separation Facility | 632 | Conservation Practices |
| Forest Stand Improvement | 666 | Conservation Practices |
| Energy Efficient Lighting System | 670 | Conservation Practices |
| Energy Efficient Building Envelope | 672 | Conservation Practices |

Ranking Weights

| Factors | Algorithm | Allowable Min | Default | Allowable Max |
|--------------------------|----------------|---------------|---------|---------------|
| Vulnerabilities | Default | 10 | 25 | 40 |
| 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: Socially Disadvantaged - AL - FY2024 - IRA (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 |
| Did the applicant self-certify as a socially disadvantaged farmer or rancher on the NRCS-CPA-1200? | YES | -- |
| | NO | -- |

Survey: Category Questions

| Section: Category | | |
|---------------------------------------|----------------|--------|
| Question | Answer Choices | Points |
| What NRCS Team is the application in? | East | -- |
| | North | -- |
| | West | -- |
| | Otherwise | -- |

Survey: Program Questions

| Section: Program | | |
|--|----------------------------------|--------|
| Question | Answer Choices | Points |
| Does the applicant meet the NRCS definition of a veteran farmer or rancher (VFR)? | YES | 70 |
| | NO | 0 |
| Improving impaired water body? (303d or TMDL) | Impaired presence | 50 |
| | Otherwise | 0 |
| Benefit T and E Species | within a strategic habitat unit. | 5 |
| | Otherwise | 0 |
| Are offered acres adjacent to a riparian buffer that qualifies for The Riparian Forest Expanded Buffer Initiative (buffer extended from 35 to a minimum of 75 feet)? | YES | 25 |
| | NO | 0 |
| Are Invasive Species being mitigated with financial assistance? | YES | 30 |
| | NO | 0 |
| What Resource Group will the applicant primarily be addressing? | Soil Health and Erosion | -- |
| | Grazingland | -- |
| | Forestry and Wildlife | -- |
| | AFO/Farmstead -- Water Quality | -- |
| | Energy/Irrigation Efficiency | -- |

Survey: Resource Questions

| Section: Resource | | |
|-------------------|----------------|--------|
| Question | Answer Choices | Points |

Section: Resource

| Question | Answer Choices | Points |
|-------------------------------------|---|--------|
| Forestry and Wildlife (Select One)* | Forestry and Wildlife Questions Not Applicable | 0 |
| | Timber Stand Improvement practices are planned on half of the offered woodland acres that need treatment? The following practices are required to receive points for this question: Hardwood crop tree release, Understory release in mid-rotation forest stands (pine or hardwood), and Precommercial thinning in dense, stagnant young pine stands. | 175 |
| | Longleaf pine, shortleaf or hardwood seedling planting or silvopasture establishment is planned? | 170 |
| | Early successional habitat management or riparian forest buffer (of any size) is planned. | 150 |
| | Tree planting is planned where the applicant has lost their newly planted trees during recent exceptional droughts and/or other natural disasters? | 100 |
| | Loblolly pine seedling planting is planned. | 75 |
| | Prescribed fire planned on property on a 2 or 3 year rotation on stand that was thinned within the last 3 years? | 75 |
| | Prescribed fire and associated firebreaks are planned on property on a 2 or 3 year rotation. | 50 |
| | Pollinator/beneficial insect habitat Planting is planned. | 50 |
| | Two or more of the above. | 200 |
| | None of the above. | 0 |

Section: Resource

| Question | Answer Choices | Points |
|---------------------------------------|---|--------|
| Soil Health and Erosion (Select one)* | Soil Health and Erosion questions not applicable. | 0 |
| | The applicant will establish perennial grasses in rotation on the land that is offered in this application? | 175 |
| | The applicant will adopt reduced Tillage - 329 (which requires a cover crop) from a conventional system that they are currently performing. | 125 |
| | The applicant will adopt reduced Tillage - 345 (which requires a cover crop) from a conventional system that they are currently performing. | 115 |
| | The applicant will plant a multi specie cover crop on more than half of all the offered acres? | 100 |
| | The applicant will plant a single specie cover crop on more than half of all the offered acres? | 75 |
| | Ephemeral or classic gully erosion or critically eroding areas will be treated? | 150 |
| | The applicant will adopt precision agriculture technology for nutrients. | 175 |
| | Two or more of the options above. | 200 |
| | None of the above. | 0 |

Section: Resource

| Question | Answer Choices | Points |
|---|---|--------|
| Grazingland (Select one)* | Grazingland Questions are not applicable | 0 |
| | The applicant will install cross fence to establish or enhance a prescribed grazing system where pastures are allowed to rest at least 80% of the grazing cycle on more than half of all the grazing lands offered acres. (minimum of 5 paddocks) | 150 |
| | The applicant will install cross fence to establish or enhance a prescribed grazing system where pastures are allowed to rest at least 66% of the grazing cycle on more than half of all the grazing lands offered acres. (minimum of 3 paddocks) | 130 |
| | The applicant will establish and maintain at least twenty percent (maximum of 20 acres to be established or whichever is less) of grazeable acres of native warm season grasses as part of a prescribed grazing system. Grasses include one or more of the following: switchgrass, eastern Gama grass, big bluestem, little bluestem, or Indian grass. | 190 |
| | On eligible sites, the applicant will establish perennial legumes to improve forage quality and quantity. If legumes exist, to qualify, the stand of perennial legumes must not exceed 25% uniform coverage | 120 |
| | The applicant will treat all critically eroding areas in the offered fields in pasture, hayland, silvopasture. | 175 |
| | The applicant will install a water source for livestock water to facilitate prescribed grazing? | 110 |
| | The applicant will establish heavy use area protection (HUA) for areas that have been damaged by livestock. Examples: existing watering facilities or ponds without HUA, or static feeding areas. Livestock will be fenced from pond(s) except at site of HUA livestock entrance. This should not be used for MAINTENANCE of existing HUAs. (Do not select if implementing new watering facility) | 90 |
| | Applicant will include an adjacent wooded site for grazing and is classified as "outstanding" using the Woodland Grazing site evaluation sheet. | 70 |
| | Applicant will include an adjacent wooded site for grazing and is classified as "very good, or good" using the Woodland Grazing site evaluation sheet. | 50 |
| | Three or more of the above. | 200 |
| | Two or more of the above. | 180 |
| None of the above | 0 | |
| AFO/Farmstead - Water Quality (select one)* | AFO/Farmstead - Water Quality questions not applicable for IRA | -- |

Section: Resource

| Question | Answer Choices | Points |
|--|---|--------|
| Energy/Irrigation Efficiency (Select One)* | Energy/Irrigation Efficiency Questions not applicable | 0 |
| | The estimated energy cost efficiency is 50 percent or more. | 100 |
| | Implementing energy practices that have been evaluated to reduce on-farm generated carbon dioxide (CO2) by 50,000 pounds or more. | 100 |
| | The proposed project reduces energy use related to irrigation. | 80 |
| | More than one above. | 180 |
| | None of the above. | 0 |