Ranking Pool Report

Ranking Pool: Utah Delta Irrigation SFP-FY24

Program: EQIP

Pool Status: Active

States: UT (Admin)

Template: EQIP General National Ranking Template - Amended October 2023

Template Status: Active

Last Modified By: Davie Stokes

Last Modified: 11/14/2023

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	5	100
Aquatic habitat	0	5	100
Concentrated erosion	0	10	100
Degraded plant condition	0	5	100
Field pesticide loss	0	5	100
Field sediment, nutrient and pathogen loss	0	5	100
Fire management	0	1	100
Inefficient energy use	0	5	100
Livestock production limitation	0	5	100
Pest pressure	0	5	100
Salt losses to water	0	1	100
Soil quality limitations	0	5	100
Source water depletion	0	25	100
Storage and handling of pollutants	0	1	100
Terrestrial habitat	0	2	100
Weather resilience	0	5	100

Categories

Category	Min %	Default %	Max %
Wind and water erosion	0	10	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

Aquatic habitat

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

Concentrated erosion

Resource Concern	Min %	Default %	Max %
Bank erosion from streams, shorelines or water conveyance channels	0	60	100
Classic gully erosion	0	20	100
Ephemeral gully erosion	0	20	100

Degraded plant condition

Resource Concern	Min %	Default %	Max %
Plant productivity and health	0	75	100
Plant structure and composition	0	25	100

Field pesticide loss

Resource Concern	Min %	Default %	Max %
Pesticides transported to groundwater	0	40	100
Pesticides transported to surface water	0	60	100

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

Field sediment, nutrient and pathogen loss

Resource Concern	Min %	Default %	Max %
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	20	100
Sediment transported to surface water	0	25	100

Fire management

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

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

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

Pest pressure

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

Salt losses to water

Resource Concern	Min %	Default %	Max %
Salts transported to groundwater	0	50	100
Salts transported to surface water	0	50	100

Soil quality limitations

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

Soil quality limitations			
Resource Concern	**Min %**	**Default %**	**Max %**
Subsidence	0	10	100

Source water depletion			
Resource Concern	**Min %**	**Default %**	**Max %**
Groundwater depletion	0	10	90
Inefficient irrigation water use	0	55	90
Surface water depletion	0	35	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

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

Weather resilience			
Resource Concern	**Min %**	**Default %**	**Max %**
Drifted snow	0	20	100
Naturally available moisture use	0	20	100
Ponding and flooding	0	20	100
Seasonal high water table	0	20	100
Seeps	0	20	100

Wind and water erosion			
Resource Concern	**Min %**	**Default %**	**Max %**
Sheet and rill erosion	0	50	100
Wind erosion	0	50	100

Practices

Practice Name	Practice Code	Practice Type

Practice Name	Practice Code	Practice Type
Irrigation Ditch Lining	428	Conservation Practices
Irrigation Water Conveyance, Ditch and Canal Lining, Plain Concrete	428A	Conservation Practices
Irrigation Water Conveyance, Ditch and Canal Lining, Flexible Membrane	428B	Conservation Practices
Irrigation Water Conveyance, Ditch and Canal Lining, Galvanized Steel	428C	Conservation Practices
Irrigation Pipeline	430	Conservation Practices
Irrigation System, Surface and Subsurface	443	Conservation Practices
Irrigation Water Management	449	Conservation Practices
Irrigation Land Leveling	464	Conservation Practices
Obstruction Removal	500	Conservation Practices
Structure for Water Control	587	Conservation Practices

Ranking Weights

Factors	Algorithm	Allowable Min	Default	Allowable Max
Vulnerabilities	Default	10	20	40
Planned Practice Effects	Adjustment (D)	15	15	15
Resource Priorities	Default	20	50	60
Program Priorities	Default	5	5	15
Efficiencies	Default	10	10	10

Display Group: Utah Delta Irrigation SFP-FY24 (Active)

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

Survey: Applicability Questions

Section: Applicablity		
Question	**Answer Choices**	**Points**
NRCS Team	Lower Sevier	--
	Otherwise	--
Is this project within the goals of the Delta Irrigation SFP?	YES	--
	NO	--

Survey: Category Questions

Section: Spending Plan Category		
Question	**Answer Choices**	**Points**
Did the applicant self-certify as a beginning farmer or rancher, a veteran farmer or rancher, or NA on the NRCS-CPA-1200, Conservation Program Application?	Other	--
	BFR	--
	VFR	--

Survey: Program Questions

Section: Program Questions		
Question	**Answer Choices**	**Points**
Will the proposed project include?	Irrigation land leveling, on field delivery system, and conveyance	200
	Irrigation land leveling and on field delivery system	150
	On field delivery system and conveyance	100
	On field delivery system only	50
	Conveyance system only	0

Survey: Resource Questions

Section: Resource Priorities		
Question	**Answer Choices**	**Points**
Will the ratio of feet of earthen ditch eliminated per acre treated be?	Greater than 81	100
	Between 71 and 80	80
	Between 61 and 70	60
	Between 51 and 60	40
	Between 41 and 50	20
	Between 31 and 40	10
	30 or below	0
What is the sand % in the soil of the earthen ditch system being replaced?	0-20%	0
	20.01-40%	20
	40.01-60%	30
	60.01%-80%	75
	80.01-100%	100
	Conveyance system is lined. (Concrete or other liner in the current conveyance system)	0