



Ranking Pool Report

Ranking Pool: Utah AFO/CAFO-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: 11/07/2023
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Land Uses and Modifiers

Land Use	Grazed	Wildlife	Irrigated	Hayed	Drained	Organic	Water Feature	Protected	Urban	Aquaculture
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Resource Concern Categories

Categories			
Category	Min %	Default %	Max %
Air quality emissions	0	10	100
Aquatic habitat	0	1	100
Concentrated erosion	0	10	100
Degraded plant condition	0	5	100
Field pesticide loss	0	1	100
Field sediment, nutrient and pathogen loss	0	30	100
Fire management	0	1	100
Inefficient energy use	0	5	100
Livestock production limitation	0	2	100
Pest pressure	0	1	100
Salt losses to water	0	1	100
Soil quality limitations	0	2	100
Source water depletion	0	2	100
Storage and handling of pollutants	0	20	100
Terrestrial habitat	0	1	100
Weather resilience	0	1	100
Wind and water erosion	0	7	100

Air quality emissions			
Resource Concern	Min %	Default %	Max %

Air quality emissions

Resource Concern	Min %	Default %	Max %
Emissions of airborne reactive nitrogen	0	25	100
Emissions of greenhouse gases - GHGs	0	25	100
Emissions of ozone precursors	0	5	100
Emissions of particulate matter (PM) and PM precursors	0	20	100
Objectionable odor	0	25	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	30	100
Classic gully erosion	0	35	100
Ephemeral gully erosion	0	35	100

Degraded plant condition

Resource Concern	Min %	Default %	Max %
Plant productivity and health	0	60	100
Plant structure and composition	0	40	100

Field pesticide loss

Resource Concern	Min %	Default %	Max %
Pesticides transported to groundwater	0	50	100
Pesticides transported to surface water	0	50	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	25	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	25	100
Sediment transported to surface water	0	10	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	29	80
Organic matter depletion	0	20	100
Soil organism habitat loss or degradation	0	10	100
Subsidence	0	1	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	30	100
Nutrients transported to surface water	0	50	100
Petroleum, heavy metals and other pollutants transported to groundwater	0	5	100
Petroleum, heavy metals and other pollutants transported to surface water	0	15	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	35	100
Ponding and flooding	0	20	100
Seasonal high water table	0	20	100
Seeps	0	5	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
CNMP Design and Implementation Activity	101	Activities
Comprehensive Nutrient Management Plan	102	Activities
Grazing Management Plan	110	Activities
Soil Health Management Plan	116	Activities
Agricultural Energy Design	120	Activities
Conservation Plan Supporting Organic Transition	138	Activities
Transition to Organic Design	140	Activities
Nutrient Management Design and Implementation Activity	157	Activities
Feed Management Design	158	Activities
Grazing Management Design	159	Activities
Soil Health Management System Design	162	Activities

Practice Name	Practice Code	Practice Type
Conservation Plan	199	Activities
Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	201	Activities
Edge-of-Field Water Quality Monitoring-System Installation	202	Activities
Conservation Planning Activity	203	Activities
Feed and Forage Analysis	206	Activities
Site Assessment and Soil Testing for Contaminants Activity	207	Activities
PFAS Testing in Water or Soil	209	Activities
Soil Health Testing	216	Activities
Soil and Source Testing for Nutrient Management	217	Activities
Carbon Sequestration and Greenhouse Gas Mitigation Assessment	218	Activities
Prescribed Grazing Conservation Evaluation and Monitoring Activity	219	Activities
Soil Organic Carbon Stock Monitoring	221	Activities
Waste Facility Site Suitability and Feasibility Assessment	226	Activities
Evaluation of Existing Waste Storage Facility Components	227	Activities
Agricultural Energy Assessment	228	Activities
Nutrient Management Implementation Support	257	Activities
Agrichemical Handling Facility	309	Conservation Practices
Waste Storage Facility	313	Conservation Practices
Animal Mortality Facility	316	Conservation Practices
Composting Facility	317	Conservation Practices
Short Term Storage of Animal Waste and By-Products	318	Conservation Practices
On-Farm Secondary Containment Facility	319	Conservation Practices
Conservation Cover	327	Conservation Practices
Conservation Crop Rotation	328	Conservation Practices
Residue and Tillage Management, No Till	329	Conservation Practices
Soil Carbon Amendment	336	Conservation Practices
Cover Crop	340	Conservation Practices
Critical Area Planting	342	Conservation Practices
Residue and Tillage Management, Reduced Till	345	Conservation Practices
Dam, Diversion	348	Conservation Practices
Monitoring Well	353	Conservation Practices

Practice Name	Practice Code	Practice Type
Groundwater Testing	355	Conservation Practices
Dike and Levee	356	Conservation Practices
Waste Treatment Lagoon	359	Conservation Practices
Waste Facility Closure	360	Conservation Practices
Diversion	362	Conservation Practices
Anaerobic Digester	366	Conservation Practices
Roofs and Covers	367	Conservation Practices
Emergency Animal Mortality Management	368	Conservation Practices
Dust Control on Unpaved Roads and Surfaces	373	Conservation Practices
Energy Efficient Agricultural Operation	374	Conservation Practices
Dust Management for Pen Surfaces	375	Conservation Practices
Pond	378	Conservation Practices
Windbreak/Shelterbelt Establishment and Renovation	380	Conservation Practices
Fence	382	Conservation Practices
Field Border	386	Conservation Practices
Irrigation Field Ditch	388	Conservation Practices
Filter Strip	393	Conservation Practices
Hedgerow Planting	422	Conservation Practices
Irrigation Ditch Lining	428	Conservation Practices
Irrigation Pipeline	430	Conservation Practices
Sprinkler System	442	Conservation Practices
Irrigation System, Surface and Subsurface	443	Conservation Practices
Irrigation Water Management	449	Conservation Practices
Anionic Polyacrylamide (PAM) Application	450	Conservation Practices
Access Control	472	Conservation Practices
Mulching	484	Conservation Practices
Obstruction Removal	500	Conservation Practices

Practice Name	Practice Code	Practice Type
Forage Harvest Management	511	Conservation Practices
Pasture and Hay Planting	512	Conservation Practices
Livestock Pipeline	516	Conservation Practices
Pond Sealing or Lining, Compacted Soil Treatment	520	Conservation Practices
Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	521	Conservation Practices
Pond Sealing or Lining - Concrete	522	Conservation Practices
Prescribed Grazing	528	Conservation Practices
Pumping Plant	533	Conservation Practices
Roof Runoff Structure	558	Conservation Practices
Access Road	560	Conservation Practices
Heavy Use Area Protection	561	Conservation Practices
Spoil Disposal	572	Conservation Practices
Livestock Shelter Structure	576	Conservation Practices
Stream Crossing	578	Conservation Practices
Streambank and Shoreline Protection	580	Conservation Practices
Structure for Water Control	587	Conservation Practices
Nutrient Management	590	Conservation Practices
Amendments for Treatment of Agricultural Waste	591	Conservation Practices
Feed Management	592	Conservation Practices
Pest Management Conservation System	595	Conservation Practices
Vegetative Barrier	601	Conservation Practices
Denitrifying Bioreactor	605	Conservation Practices
Tree/Shrub Establishment	612	Conservation Practices
Watering Facility	614	Conservation Practices
Waste Treatment	629	Conservation Practices
Waste Separation Facility	632	Conservation Practices
Waste Recycling	633	Conservation Practices

Practice Name	Practice Code	Practice Type
Waste Transfer	634	Conservation Practices
Vegetated Treatment Area	635	Conservation Practices
Water Well	642	Conservation Practices
Constructed Wetland	656	Conservation Practices
Wetland Creation	658	Conservation Practices
Wetland Enhancement	659	Conservation Practices
Energy Efficient Lighting System	670	Conservation Practices
Energy Efficient Building Envelope	672	Conservation Practices
Conservation Harvest Management	809	Interim Conservation Practices
TA Planning	910	TSP Codes
TA Design	911	TSP Codes
TA Application	912	TSP Codes
TA Check-Out	913	TSP Codes

Ranking Weights

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

Display Group: Utah AFO/CAFO-FY24 (Active)

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

Survey: Applicability Questions

Section: Is this application for an AFO/CAFO operation?		
Question	Answer Choices	Points
Is this application for an AFO/CAFO operation?	YES	--
	NO	--

Survey: Category Questions

Section: NRCS Team		
Question	Answer Choices	Points
NRCS Team	Cache-Rich Team	--
	Gar-Kane Team	--
	Lower Colorado Basin	--
	Lower Sevier Basin	--
	Middle Sevier - Fremont Basin	--
	Northwest Team	--
	Price-San Rafael Basin	--
	South Bonneville Team	--
	Southwest Basin	--
	Uintah Basin	--
	Weber River Team	--
	Otherwise	--

Survey: Program Questions

Section: Program Question		
Question	Answer Choices	Points
Is the application located in a priority watershed identified by the Utah Department of Water Quality?	Strawberry River Watershed	100
	Pot Creek Watershed	100
	Pelican Lake Watershed	100
	Otter Creek Watershed	100
	Upper Sevier Watershed	100
	Pinto Creek Watershed	100
	Scofield Reservoir/ Mud Creek Watershed	100
	Logan River	100
	Clarkston/ Newton Creek	100
	San Pitch Watershed	100
	Heber Valley	100
	Utah County/ Utah Lake Watershed (Priority Spanish Fork)	100
	Fremont River Watershed	100
	Chalk Creek Watershed	100
Otherwise	0	

Section: Program Question		
Question	Answer Choices	Points
Does the application have a CPA, DIA, CEMA	YES	100
	NO	0

Survey: Resource Questions

Section: Resource Questions		
Question	Answer Choices	Points
Is the facility located in a 303d listed stream watershed where animal feeding operations contribute and the proposed project will result in improvement relative to the listed "cause of impairment"?	YES	50
	NO	--
Answer one of the following based on the change in UAFFRI Rating.	Will the UAFFRI index for this operation change from high to very low?	100
	Will the UAFFRI index for this operation change from high to low?	90
	Will the UAFFRI index for this operation change from medium to very low?	80
	Will the UAFFRI index for this operation change from medium to low, or high to medium?	70
	Will the UAFFRI index for this operation change from low to very low?	60
Is the conservation treatment supported by a CNMP that is less than 5 years old?	YES	50
	NO	-50