



# Ranking Pool Report

**Ranking Pool:** Utah Box Elder Soil Health IRA 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:** 11/08/2023  
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## Land Uses and Modifiers

Land Use	Grazed	Wildlife	Irrigated	Hayed	Drained	Organic	Water Feature	Protected	Urban	Aquaculture
Crop	--	--	--	--	--	--	--	--	--	--
Pasture	--	--	--	--	--	--	--	--	--	--

## Resource Concern Categories

Categories			
Category	Min %	Default %	Max %
Air quality emissions	0	5	100
Aquatic habitat	0	1	100
Concentrated erosion	0	5	100
Degraded plant condition	0	8	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	7	100
Livestock production limitation	0	9	100
Pest pressure	0	5	100
Salt losses to water	0	1	100
Soil quality limitations	0	20	100
Source water depletion	0	5	100
Storage and handling of pollutants	0	1	100
Terrestrial habitat	0	5	100
Weather resilience	0	7	100
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	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	50	100
Plant structure and composition	0	50	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	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

## 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	25	100
Energy efficiency of farming/ranching practices and field operations	0	75	100

## Livestock production limitation

Resource Concern	Min %	Default %	Max %
Feed and forage balance	0	60	100
Inadequate livestock shelter	0	5	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	15	100
Concentration of salts or other chemicals	0	5	80
Organic matter depletion	0	30	100
Soil organism habitat loss or degradation	0	25	100
Subsidence	0	5	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

## 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	10	100
Naturally available moisture use	0	60	100
Ponding and flooding	0	10	100
Seasonal high water table	0	10	100
Seeps	0	10	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
Conservation Cover	327	Conservation Practices
Conservation Crop Rotation	328	Conservation Practices
Residue and Tillage Management, No Till	329	Conservation Practices
Cover Crop	340	Conservation Practices
Residue and Tillage Management, Reduced Till	345	Conservation Practices
Field Border	386	Conservation Practices
Filter Strip	393	Conservation Practices
Hedgerow Planting	422	Conservation Practices

Practice Name	Practice Code	Practice Type
Pasture and Hay Planting	512	Conservation Practices
Prescribed Grazing	528	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 Box Elder Soil Health SFP-FY24 (Active)

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

## Survey: Applicability Questions

Section: Applicability Soil Health SFP		
Question	Answer Choices	Points
Is the planned project for soil health within the Box Elder Soil Health SFP location?	YES	--
	NO	--
NRCS Team	Northwest	--
	Otherwise	--

## Survey: Category Questions

Section: Category South SFP		
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 Priority		
Question	Answer Choices	Points

## Section: Program Priority

Question	Answer Choices	Points
How many of the 4 Soil Health Principles does the contracted practices achieve. (Minimize Disturbance, Maximize Biodiversity, Maximize Soil Cover, Maximize living roots)	1	0
	2	50
	3	100
	4	200

## Survey: Resource Questions

## Section: Resource Question

Question	Answer Choices	Points
Does the application include a multi-species cover crop? (Select only one)	5 or more species	100
	2-4 species	40
	1 species or less	0
Will the participant be adopting practice (340) cover crop for the first time? (has not adopted the practice on any other part of the operation in the past)	YES	0
	NO	50
Will the applicant facilitate grazing of a multi-species cover crop?	YES	50
	NO	0