



Ranking Pool Report

Ranking Pool: Enhancing Soil Health in the Ocean State

Program: RCPP-EQIP

Template: RCPP-EQIP

Last Modified By: Brunilda Velez

Report Date: 06-01-2020

Pool Status: Active

Template Status: Active

Last Modified: 06-01-2020

Land Uses

Land Use	Modifier 1	Modifier 2	Modifier 3	Modifier 4	Modifier 5	Modifier 6
Crop	--	--	--	--	--	--
Pasture	--	--	--	--	--	--

Resource Concern Categories

Categories			
Category	Min %	Default %	Max %
Air quality emissions	2	2	35
Aquatic habitat	2	2	35
Concentrated erosion	0	--	35
Degraded plant condition	2	12	35
Field pesticide loss	2	2	35
Field sediment, nutrient and pathogen loss	2	20	35
Fire management	0	--	35
Inefficient energy use	2	2	35
Livestock production limitation	0	--	35
Pest pressure	2	2	35
Salt losses to water	0	--	35
Soil quality limitations	2	35	35
Source water depletion	2	2	35
Storage and handling of pollutants	2	2	35
Terrestrial habitat	2	2	35
Weather resilience	2	2	35
Wind and water erosion	2	15	35

Air quality emissions

Resource Concern	Min %	Default %	Max %
Emissions of airborne reactive nitrogen	5	20	85
Emissions of greenhouse gases - GHGs	5	20	85
Emissions of ozone precursors	5	20	85
Emissions of particulate matter (PM) and PM precursors	5	20	85
Objectionable odor	0	20	80

Aquatic habitat

Resource Concern	Min %	Default %	Max %
Aquatic habitat for fish and other organisms	5	50	100
Elevated water temperature	0	50	95

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	5	60	95
Plant structure and composition	5	40	95

Field pesticide loss

Resource Concern	Min %	Default %	Max %
Pesticides transported to groundwater	5	50	95
Pesticides transported to surface water	5	50	95

Field sediment, nutrient and pathogen loss

Resource Concern	Min %	Default %	Max %
Nutrients transported to groundwater	5	15	80
Nutrients transported to surface water	5	25	80
Pathogens and chemicals from manure, biosolids or compost applications transported to groundwater	5	15	80
Pathogens and chemicals from manure, biosolids or compost applications transported to surface water	5	25	80
Sediment transported to surface water	5	20	80

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	5	60	95
Energy efficiency of farming/ranching practices and field operations	5	40	95

Livestock production limitation

Resource Concern	Min %	Default %	Max %
Feed and forage balance	0	40	100
Inadequate livestock shelter	0	30	100
Inadequate livestock water quantity, quality and distribution	0	30	100

Pest pressure

Resource Concern	Min %	Default %	Max %
Plant pest pressure	100	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	5	5	85
Compaction	5	30	85
Concentration of salts or other chemicals	0	30	80
Organic matter depletion	5	30	85
Soil organism habitat loss or degradation	5	5	85
Subsidence	0	--	80

Source water depletion

Resource Concern	Min %	Default %	Max %
Groundwater depletion	5	10	90
Inefficient irrigation water use	5	50	90
Surface water depletion	5	40	90

Storage and handling of pollutants

Resource Concern	Min %	Default %	Max %
Nutrients transported to groundwater	5	20	80
Nutrients transported to surface water	5	60	80
Pesticides transported to surface water	5	5	80
Petroleum, heavy metals and other pollutants transported to groundwater	5	5	80
Petroleum, heavy metals and other pollutants transported to surface water	5	10	80

Terrestrial habitat

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

Weather resilience

Resource Concern	Min %	Default %	Max %
Drifted snow	0	--	100
Naturally available moisture use	0	20	100
Ponding and flooding	0	20	100
Seasonal high water table	0	60	100
Seeps	0	--	100

Wind and water erosion

Resource Concern	Min %	Default %	Max %
Sheet and rill erosion	5	50	100
Wind erosion	0	50	95

Practices

Practice	Practice Code	Practice Type
Livestock Shelter Structure	576	P
Short Term Storage of Animal Waste and Byproducts	318	P
Controlled Traffic Farming	334	P
Alley Cropping	311	P
Brush Management	314	P
Deep Tillage	324	P
Conservation Cover	327	P
Conservation Crop Rotation	328	P
Contour Farming	330	P
Contour Orchard and Other Perennial Crops	331	P

Practice	Practice Code	Practice Type
Contour Buffer Strips	332	P
Cover Crop	340	P
Critical Area Planting	342	P
Sediment Basin	350	P
Diversion	362	P
Windbreak/Shelterbelt Establishment	380	P
Field Border	386	P
Riparian Herbaceous Cover	390	P
Riparian Forest Buffer	391	P
Filter Strip	393	P
Firebreak	394	P
Stream Habitat Improvement and Management	395	P
Grassed Waterway	412	P
Hedgerow Planting	422	P
Hillside Ditch	423	P
Irrigation Reservoir	436	P
Irrigation System, Microirrigation	441	P
Irrigation Water Management	449	P
Lined Waterway or Outlet	468	P
Access Control	472	P
Mulching	484	P
Tree/Shrub Site Preparation	490	P
Forage Harvest Management	511	P
Forage and Biomass Planting	512	P
Livestock Pipeline	516	P
Grazing Land Mechanical Treatment	548	P
Row Arrangement	557	P
Roof Runoff Structure	558	P
Stormwater Runoff Control	570	P
Trails and Walkways	575	P
Streambank and Shoreline Protection	580	P
Stripcropping	585	P
Nutrient Management	590	P
Pest Management Conservation System	595	P
Vegetative Barrier	601	P
Tree/Shrub Establishment	612	P
Watering Facility	614	P

Practice	Practice Code	Practice Type
Vegetated Treatment Area	635	P
Restoration of Rare or Declining Natural Communities	643	P
Wetland Wildlife Habitat Management	644	P
Upland Wildlife Habitat Management	645	P
Early Successional Habitat Development-Mgt	647	P
Windbreak/Shelterbelt Renovation	650	P
Constructed Wetland	656	P
Wetland Restoration	657	P
Wetland Creation	658	P
Wetland Enhancement	659	P
Tree/Shrub Pruning	660	P
Forest Stand Improvement	666	P
Prescribed Grazing	528	P
Stream Crossing	578	P
Residue and Tillage Management, No Till	329	P
Residue and Tillage Management, Reduced Till	345	P
Multi-Story Cropping	379	P
Herbaceous Weed Treatment	315	P

Ranking Component Weights

Category	Allowable Min	Default	Allowable Max
Vulnerabilities	25	25	40
Planned Practice Effects	20	20	35
Resource Priorities	5	25	25
Program Priorities	5	20	20
Efficiencies	10	10	10

Display Group: Enhancing Soil Health in the Ocean State (Active)

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

Survey: Applicability Questions RCPP Soil Health

Section: Applicability Questions RCPP Soil Health		
Question	Answer Choices	Points
Is this application in the State of Rhode Island?	YES	--
	NO	--

Survey: Category Questions RCPP Soil Health

Section: Category Questions RCPP Soil Health		
Question	Answer Choices	Points
Select the District where the PLUs are located: Northern, Southern, Eastern District.	Northern District	--
	Southern District	--
	Eastern District	--

Survey: Program Questions RCPP Soil Health

Section: Program Questions RCPP Soil Health		
Question	Answer Choices	Points
Is the land permanently protected through a CONSERVATION EASEMENT, purchase of development rights or other mechanism? Use CD to verify that the PLU(s) are in geospatial layer RI_Fed_St_Loc_Conserv_Areas_2020.	YES	20
	NO	0
Does the applicant meet the NRCS definition of a HU producer as identified in the CPA-1200?	YES	60
	NO	0
Will this project allow continued implementation of a system being progressively installed?	YES	70
	NOT APPLICABLE	0
If this application is approved for funding, will this be the applicant's first EQIP contract?	YES	50
	NOT APPLICABLE	0

Survey: Resource Questions RCPP Soil Health

Section: Resource Questions RCPP Soil Health		
Question	Answer Choices	Points
Are soil health practices going to be installed on more than one priority land use? Priority land uses - crop (including hayland) and/or pasture.	YES	25
	NO	0
Select proportion of resource concerns identified in Soil Health Plan that are being addressed by this application. Choose one answer.	Addressing all resource concerns identified in the Soil Health Plan.	110
	Addressing a majority (50%) of the resource concerns identified in Soil Health Plan.	50
	Addressing at least one resource concern identified in Soil Health Plan.	25
Will practices be applied to reduce erosion? Practice must be listed in assessment to address a soil erosion RC. (Practices must be listed in the RCPP Ranking guidance.)	YES	35
	NO	0
Will the soil health practices will be applied on open area cropland, hayland or pasture?	YES	30
	NO	0