



# Ranking Pool Report

**Ranking Pool:** FY20 RI Oyster Reef Restoration Ninigret Pond  
**Last Modified By:** Brunilda Velez  
**Last Modified:** 05-15-2020  
**Template Status:** Active  
**Program:** EQIP  
**Date:** 05-15-2020

## Land Uses

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Land Use	Modifier 1	Modifier 2	Modifier 3	Modifier 4	Modifier 5	Modifier 6
Water	--	--	--	--	--	--
Associated Ag Land	--	--	--	--	--	--

## Resource Concern Categories

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## Categories

Category	Min %	Default %	Max %
Air quality emissions	2	2	35
Aquatic habitat	2	35	35
Concentrated erosion	--	--	35
Degraded plant condition	2	2	35
Field pesticide loss	2	2	35
Field sediment, nutrient and pathogen loss	2	10	35
Fire management	--	--	35
Inefficient energy use	2	2	35
Livestock production limitation	--	--	35
Pest pressure	2	2	35
Salt losses to water	--	--	35
Soil quality limitations	2	2	35
Source water depletion	2	2	35
Storage and handling of pollutants	2	2	35
Terrestrial habitat	2	35	35
Weather resilience	2	2	35
Wind and water erosion	2	2	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	--	20	80

## Aquatic habitat

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

## Concentrated erosion

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

## Degraded plant condition

Resource Concern	Min %	Default %	Max %
Plant productivity and health	5	50	95
Plant structure and composition	5	50	95

## Field pesticide loss

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

## Field sediment, nutrient and pathogen loss

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

## Fire management

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

## Inefficient energy use

Resource Concern	Min %	Default %	Max %
Energy efficiency of equipment and facilities	5	50	95
Energy efficiency of farming/ranching practices and field operations	5	50	95

## Livestock production limitation

Resource Concern	Min %	Default %	Max %
Feed and forage balance	--	35	100
Inadequate livestock shelter	--	30	100
Inadequate livestock water quantity, quality and distribution	--	35	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	--	50	100
Salts transported to surface water	--	50	100

## Soil quality limitations

Resource Concern	Min %	Default %	Max %
Aggregate instability	5	15	85
Compaction	5	15	85
Concentration of salts or other chemicals	--	25	80
Organic matter depletion	5	15	85
Soil organism habitat loss or degradation	5	15	85
Subsidence	--	15	80

## Source water depletion

Resource Concern	Min %	Default %	Max %
Groundwater depletion	5	35	90
Inefficient irrigation water use	5	35	90
Surface water depletion	5	30	90

## Storage and handling of pollutants

Resource Concern	Min %	Default %	Max %
Nutrients transported to groundwater	5	20	80
Nutrients transported to surface water	5	20	80
Pesticides transported to surface water	5	20	80
Petroleum, heavy metals and other pollutants transported to groundwater	5	20	80
Petroleum, heavy metals and other pollutants transported to surface water	5	20	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	--	20	100
Naturally available moisture use	--	20	100
Ponding and flooding	--	20	100
Seasonal high water table	--	20	100
Seeps	--	20	100

## Wind and water erosion

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

## Practices

Practice	Practice Code	Practice Type
Access Control	472	P
Restoration of Rare or Declining Natural Communities	643	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: FY20 RI Oyster Reef Restoration Ninigret Pond (Active)**

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

**Survey: Applicability Questions Oyster Ninigret Pond**

Section: Applicability Questions Oyster Ninigret Pond		
Question	Answer Choices	Points
Are the restoration site and farm in the same bio-security zone?	YES	
	NO	

**Survey: Category Questions Oyster Ninigret Pond**

Section: Category Questions Oyster Ninigret Pond		
Question	Answer Choices	Points
Ninigret Pond (Charlestown)	YES	
	NO	

**Survey: Program Questions Oyster Ninigret Pond**

**Section: Program Questions Oyster Ninigret Pond**

Question	Answer Choices	Points
Did the applicant self certify as meeting the SDFR, VFR or LRF category on the CPA-1200?	YES	20
	NO	0
Is the participant NEW to the EQIP Oyster Reef Restoration Initiative?	YES	50
	NO	0
Has the participant completed an Oyster Reef Restoration in the past?	NOT APPLICABLE	0
	Prior performance: Was the average number of oysters deployed greater than the target (250,000 oysters per year) during the 3 highest performing years of the previously completed practice?	35
	Prior performance: Was the average number of oysters deployed greater than 75% of the target (187,500 oysters per year) during the 3 highest performing years of the previously completed practice?	30
	Prior performance: Was the average number of oysters deployed greater than 50% of the target (125,000 oysters per year) during the 3 highest performing years of the previously completed practice?	25
	Prior performance: On average were 70% of oysters measured greater than 0.5" (at the time when measured) during the 3 highest performing years of the previously completed practice?	25
Has the participant partnered with DEM DMF on research or adaptive management activities focusing on genetic diversity or specific lineage performance in restoration planning?	YES	15
	NO	0

**Survey: Resource Questions Oyster Ninigret Pond**

**Section: Resource Questions Oyster Ninigret Pond**

Question	Answer Choices	Points
Is the participant willing to use a higher percentage of oyster shell in the bags used to set larvae?	Participant will use 75-100% Oyster Shells in the bags used to set larvae.	60
	Participant will use greater than 50-75 % Oyster Shells in the bags used to set larvae.	35
	Not interested in participating in this.	0
Is the participant willing to use preferred oyster lineage(s) in their restoration?	Participant will use identified preferred oyster lineage(s) in their restoration.	105
	Not interested in participating in this.	0