



Ranking Pool Report

Ranking Pool: FY20 On-Farm Energy

Program: EQIP

Template: EQIP General

Last Modified By: Brunilda Velez

Report Date: 06-01-2020

Pool Status: Active

Template Status: Active

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Land Uses

Land Use	Modifier 1	Modifier 2	Modifier 3	Modifier 4	Modifier 5	Modifier 6
Crop	--	--	--	--	--	--
Forest	--	--	--	--	--	--
Pasture	--	--	--	--	--	--
Farmstead	--	--	--	--	--	--
Associated Ag Land	--	--	--	--	--	--

Resource Concern Categories

Categories			
Category	Min %	Default %	Max %
Air quality emissions	2	10	35
Aquatic habitat	2	5	35
Concentrated erosion	0	--	35
Degraded plant condition	2	5	35
Field pesticide loss	2	5	35
Field sediment, nutrient and pathogen loss	2	5	35
Fire management	0	--	35
Inefficient energy use	2	35	35
Livestock production limitation	0	--	35
Pest pressure	2	5	35
Salt losses to water	0	--	35
Soil quality limitations	2	5	35
Source water depletion	2	5	35
Storage and handling of pollutants	2	5	35
Terrestrial habitat	2	5	35
Weather resilience	2	5	35

Categories

Category	Min %	Default %	Max %
Wind and water erosion	2	5	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	50	95
Plant structure and composition	5	50	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	20	80
Nutrients transported to surface water	5	20	80

Field sediment, nutrient and pathogen loss

Resource Concern	Min %	Default %	Max %
Pathogens and chemicals from manure, biosolids or compost applications transported to groundwater	5	20	80
Pathogens and chemicals from manure, biosolids or compost applications transported to surface water	5	20	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	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	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	20	85
Compaction	5	20	85
Concentration of salts or other chemicals	0	20	80
Organic matter depletion	5	20	85
Soil organism habitat loss or degradation	5	20	85

Soil quality limitations

Resource Concern	Min %	Default %	Max %
Subsidence	0	--	80

Source water depletion

Resource Concern	Min %	Default %	Max %
Groundwater depletion	5	25	90
Inefficient irrigation water use	5	50	90
Surface water depletion	5	25	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	10	80
Petroleum, heavy metals and other pollutants transported to groundwater	5	5	80
Petroleum, heavy metals and other pollutants transported to surface water	5	5	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	25	100
Ponding and flooding	0	35	100
Seasonal high water table	0	40	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
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Practice	Practice Code	Practice Type
Lighting System Improvement	670	P
Building Envelope Improvement	672	P
Agricultural Energy Management Plan - Written	128	P
Irrigation Water Management	449	P
Pumping Plant	533	P
Anaerobic Digestion	366	P
Residue and Tillage Management, No Till	329	P
Farmstead Energy Improvement	374	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 On-Farm Energy (Active)

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

Survey: Applicability Questions FY20 NOFEI

Section: Applicability Questions FY20 NOFEI		
Question	Answer Choices	Points
Is this application in the State of Rhode Island?	YES	--
	NO	--

Survey: Category Questions FY20 NOFEI

Section: Category Questions FY20 NOFEI		
Question	Answer Choices	Points
Select the District where the PLUs are located.	Northern District	--
	Southern District	--
	Eastern District	--

Survey: Program Questions FY20 NOFEI

Section: Program Questions FY20 NOFEI

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 FY20 NOFEI

Section: Resource Questions FY20 NOFEI

Question	Answer Choices	Points
Regarding applications containing energy efficiency practices, SELECT ONE answer using the NOFEI Core Practice List. In order to select, you must have planned at least one practice from this list to address a RC that falls under the listed RC Category. The RC and practice must be listed in the assessment.	The application contains two or more core practices.	100
	The application contains at least one core practice and additional supporting practices.	50
	The application contains one core practice.	20
Regarding applications containing water conservation (Source Water Depletion) practices, SELECT ONE answer using the NOFEI Core Practice List. In order to select, you must have planned at least one practice from this list to address a RC that falls under the listed RC Category. The RC and practice must be listed in the assessment.	Implementing irrigation practices that reduce energy and reduce aquifer overdraft.	50
	Implementing energy practices that recycle or reuse water.	50
SELECT ONE: The proposed application contains projects that will improve air quality by... (Use link in guidance sheet to determine value.)	Implementing energy practices that have been evaluated to reduce on-farm generated carbon dioxide (CO2) by 100,000 pounds or more.	100
	Implementing energy practices that have been evaluated to reduce on-farm generated carbon dioxide (CO2) by 75,000 pounds or more.	75
	Implementing energy practices that have been evaluated to reduce on-farm generated carbon dioxide (CO2) by 50,000 pounds or more	50
	Implementing energy practices that have been evaluated to reduce on-farm generated carbon dioxide (CO2) by 25,000 pounds or more.	10
	Implementing energy practices that have been evaluated to reduce on-farm generated carbon dioxide (CO2) by less than 10,000 pounds.	0

Section: Resource Questions FY20 NOFEI

Question	Answer Choices	Points
SELECT ONE: Use the - Energy Cost Efficiency Worksheet (linked in guidance sheet) - to calculate the estimated energy cost efficiency value for the conservation practices in the EQIP plan/schedule of operations.	The estimated energy cost efficiency is 50 percent or more.	100
	The estimated energy cost efficiency is between 30 and 50 percent.	50
	The estimated energy cost efficiency is less than 30 percent.	25