Ranking Pool Report

Ranking Pool: Path to Reduce Pathogens in CT Agricultural Runoff
Program: RCPP-EQIP
Template: RCPP-EQIP
Last Modified By: Carol Grasis
Report Date: 06-17-2020

Pool 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	2	35
Aquatic habitat	2	2	35
Concentrated erosion	0	10	35
Degraded plant condition	2	2	35
Field pesticide loss	2	2	35
Field sediment, nutrient and pathogen loss	2	35	35
Fire management	0	--	35
Inefficient energy use	2	2	35
Livestock production limitation	0	10	35
Pest pressure	2	2	35
Salt losses to water	0	--	35
Soil quality limitations	2	2	35
Source water depletion	2	2	35
Storage and handling of pollutants	2	15	35
Terrestrial habitat	2	2	35
Weather resilience	2	2	35

Categories

Category	Min %	Default %	Max %
Wind and water erosion	2	10	35

Air quality emissions

Resouce 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

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

Concentrated erosion

Resouce Concern	Min %	Default %	Max %
Bank erosion from streams, shorelines or water conveyance channels	0	25	100
Classic gully erosion	0	50	100
Ephemeral gully erosion	0	25	100

Degraded plant condition

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

Field pesticide loss

Resouce 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

Resouce Concern	Min %	Default %	Max %
Nutrients transported to groundwater	5	10	80
Nutrients transported to surface water	5	10	80

Field sediment, nutrient and pathogen loss

Resouce Concern	Min %	Default %	Max %
Pathogens and chemicals from manure, biosolids or compost applications transported to groundwater	5	10	80
Pathogens and chemicals from manure, biosolids or compost applications transported to surface water	5	60	80
Sediment transported to surface water	5	10	80

Fire management

Resouce Concern	Min %	Default %	Max %
Wildfire hazard from biomass accumulation	0	100	100

Inefficient energy use

Resouce 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

Resouce Concern	Min %	Default %	Max %
Feed and forage balance	0	10	100
Inadequate livestock shelter	0	--	100
Inadequate livestock water quantity, quality and distribution	0	90	100

Pest pressure

Resouce Concern	Min %	Default %	Max %
Plant pest pressure	100	100	100

Salt losses to water

Resouce Concern	Min %	Default %	Max %
Salts transported to groundwater	0	50	100
Salts transported to surface water	0	50	100

Soil quality limitations

Resouce Concern	Min %	Default %	Max %
Aggregate instability	5	20	85
Compaction	5	20	85
Organic matter depletion	5	30	85
Soil organism habitat loss or degradation	5	30	85
Subsidence	0	--	80

Source water depletion			
Resouce 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			
Resouce Concern	**Min %**	**Default %**	**Max %**
Nutrients transported to groundwater	5	15	80
Nutrients transported to surface water	5	55	80
Pesticides transported to surface water	5	10	80
Petroleum, heavy metals and other pollutants transported to groundwater	5	10	80
Petroleum, heavy metals and other pollutants transported to surface water	5	10	80

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

Weather resilience			
Resouce Concern	**Min %**	**Default %**	**Max %**
Naturally available moisture use	0	25	100
Ponding and flooding	0	25	100
Seasonal high water table	0	25	100
Seeps	0	25	100

Wind and water erosion			
Resouce Concern	**Min %**	**Default %**	**Max %**
Sheet and rill erosion	5	90	100
Wind erosion	0	10	95

Practices

Practice	Practice Code	Practice Type
On-Farm Secondary Containment Facility	319	P
Waste Storage Facility	313	P
Brush Management	314	P
Composting Facility	317	P
Conservation Cover	327	P

Practice	Practice Code	Practice Type
Conservation Crop Rotation	328	P
Cover Crop	340	P
Critical Area Planting	342	P
Sediment Basin	350	P
Waste Treatment Lagoon	359	P
Waste Facility Closure	360	P
Diversion	362	P
Fence	382	P
Field Border	386	P
Riparian Herbaceous Cover	390	P
Riparian Forest Buffer	391	P
Filter Strip	393	P
Grade Stabilization Structure	410	P
Grassed Waterway	412	P
Land Smoothing	466	P
Lined Waterway or Outlet	468	P
Access Control	472	P
Mulching	484	P
Obstruction Removal	500	P
Forage Harvest Management	511	P
Forage and Biomass Planting	512	P
Livestock Pipeline	516	P
Pumping Plant	533	P
Roof Runoff Structure	558	P
Access Road	560	P
Heavy Use Area Protection	561	P
Stormwater Runoff Control	570	P
Trails and Walkways	575	P
Structure for Water Control	587	P
Nutrient Management	590	P
Subsurface Drain	606	P
Watering Facility	614	P
Underground Outlet	620	P
Waste Recycling	633	P
Waste Transfer	634	P
Vegetated Treatment Area	635	P
Water and Sediment Control Basin	638	P

Practice	Practice Code	Practice Type
Water Well	642	P
Wetland Restoration	657	P
Wetland Creation	658	P
Roofs and Covers	367	P
Prescribed Grazing	528	P
Stream Crossing	578	P
Waste Separation Facility	632	P
Waste Treatment	629	P
Residue and Tillage Management, No Till	329	P
Residue and Tillage Management, Reduced Till	345	P
Comprehensive Nutrient Management Plan - Written	102	P
Phosphorous Removal System	782	P
Herbaceous Weed Treatment	315	P

Ranking Component Weights

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

Display Group: Path to Reduce Pathogens (Active)

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

Survey: Applicability Questions

Section: Applicability		
Question	**Answer Choices**	**Points**
Does the land in the assessment occur within the RCPP Pathogens project boundary?	yes	--
	Otherwise	--

Survey: Category Questions

Section: Category		
Question	**Answer Choices**	**Points**

Section: Category		
Question	**Answer Choices**	**Points**
Do the planned practices address Pathogens in Surface Water	YES	--
	NO	--

Survey: Program Questions

Section: Program Questions		
Question	**Answer Choices**	**Points**
Is this application located in a National Water Quality Initiative Watershed?	yes	40
	Otherwise	0
Is the applicant willing to cooperate with the project partners by allowing access for water quality monitoring?	YES	35
	NO	0
Is the applicant currently in compliance with all existing contracts or will this be the first contract for the applicant?	Yes	25
	No - participant has Current CPA-153	-25
Is the applicant following all Operation and Maintenance for all practices that are still within their lifespan on any existing contract?	Yes	25
	No	-25
	N/A - 1st contract or all practices are beyond their lifespan	0
Has the applicant had any contract terminations within their control?	Yes	-25
	No - history of contracts completed; no terminations for cause	25
	N/A - no prior contracts	0

Survey: Resource Questions

Section: Resources		
Question	**Answer Choices**	**Points**
The practices in the schedule of operations will be implemented in a watershed with waterbodies on Connecticut's most recent 303d list where:	Impairment is due to pathogens (bacteria)	40
	impairment is nutrients or unknown	20
	practices are not planned in a watershed associated with a 303d listed waterbody	0
The practices are planned within the following proximity to surface water	Practices are planned within 0-50' of surface water	40
	Practices are planned within 51-200' of surface water	20
	Practices are planned >200' from surface water	0
Will the practices in the schedule of operations exclude all livestock from surface water?	YES	40
	NO	0

Section: Resources		
Question	**Answer Choices**	**Points**
Will practices in the schedule of operations reduce runoff into surface waters from animal housing, exercise lots, manure storage areas, manure application sites, barnyards, feedlots, sacrifice areas or heavy use areas?	YES	40
	NO	0
Does the application include core conservation practices to address the resource concern: "Nutrients Transported to Surface Water (storage and handling of pollutants)" or "Pathogens and Chemicals from Manure, Biosolids, or Compost Applications Transported to Surface Water" ? Core practices include: Waste Storage Facility (313); Compost Facility (317); Water Treatment Lagoon (359); Roof and Cover (367); Fence (382); Riparian Herbaceous Cover (390); Riparian Forest Buffer (391); Filter Strip (393); Access Control (472); Stream Crossing (578); Nutrient Management (590); Vegetated Treatment Area (635); Wetland Creation (658)	YES	40
	NO	0