

# Ranking Pool Report

**Ranking Pool:** NY FY24 EQIP Cropland

**Program:** EQIP

**Pool Status:** Active

**States:** NY (Admin)

**Template:** EQIP General National Ranking Template - Amended October 2023

**Template Status:** Active

**Last Modified By:** Kimberly Farrell

**Last Modified:** 01/30/2024

## Land Uses and Modifiers

Land Use	Grazed	Wildlife	Irrigated	Hayed	Drained	Organic	Water Feature	Protected	Urban	Aquaculture
Associated Ag Land	--	--	--	--	N/A	--	--	--	--	--
Crop	--	--	--	--	--	--	--	--	--	--

## Resource Concern Categories

Categories			
Category	Min %	Default %	Max %
Air quality emissions	0	5	100
Aquatic habitat	0	5	100
Concentrated erosion	0	10	100
Degraded plant condition	0	15	100
Field pesticide loss	0	10	100
Field sediment, nutrient and pathogen loss	0	10	100
Inefficient energy use	0	5	100
Pest pressure	0	5	100
Soil quality limitations	0	15	100
Source water depletion	0	5	100
Storage and handling of pollutants	0	5	100
Terrestrial habitat	0	5	100
Wind and water erosion	0	5	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

## Air quality emissions

Resource Concern	Min %	Default %	Max %
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

## Inefficient energy use

Resource Concern	Min %	Default %	Max %
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## Inefficient energy use

Resource Concern	Min %	Default %	Max %
Energy efficiency of farming/ranching practices and field operations	0	100	100

## Pest pressure

Resource Concern	Min %	Default %	Max %
Plant pest pressure	0	100	100

## Soil quality limitations

Resource Concern	Min %	Default %	Max %
Aggregate instability	0	25	100
Compaction	0	25	100
Organic matter depletion	0	25	100
Soil organism habitat loss or degradation	0	25	100

## Source water depletion

Resource Concern	Min %	Default %	Max %
Groundwater depletion	0	45	90
Inefficient irrigation water use	0	10	90
Surface water depletion	0	45	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

## 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
Pollinator Habitat Design	148	Activities
Nutrient Management Design and Implementation Activity	157	Activities
Prescribed Burning Design	160	Activities
Pest Management Conservation System Design	161	Activities
Irrigation Water Management Design	163	Activities
Improved Management of Drainage Water Design	164	Activities
Site Assessment and Soil Testing for Contaminants Activity	207	Activities
PFAS Testing in Water or Soil	209	Activities
Soil Health Testing	216	Activities
Soil and Source Testing for Nutrient Management	217	Activities
Carbon Sequestration and Greenhouse Gas Mitigation Assessment	218	Activities
Soil Organic Carbon Stock Monitoring	221	Activities
Indigenous Stewardship Methods Evaluation	222	Activities
Aquifer Flow Test	224	Activities
Agricultural Energy Assessment	228	Activities
Agrichemical Handling Facility	309	Conservation Practices
Composting Facility	317	Conservation Practices
Deep Tillage	324	Conservation Practices
High Tunnel System	325	Conservation Practices
Conservation Cover	327	Conservation Practices
Conservation Crop Rotation	328	Conservation Practices
Residue and Tillage Management, No Till	329	Conservation Practices
Contour Farming	330	Conservation Practices
Contour Orchard and Other Perennial Crops	331	Conservation Practices
Contour Buffer Strips	332	Conservation Practices
Controlled Traffic Farming	334	Conservation Practices
Soil Carbon Amendment	336	Conservation Practices
Prescribed Burning	338	Conservation Practices
Cover Crop	340	Conservation Practices


Practice Name	Practice Code	Practice Type
Critical Area Planting	342	Conservation Practices
Residue and Tillage Management, Reduced Till	345	Conservation Practices
Sediment Basin	350	Conservation Practices
Diversion	362	Conservation Practices
Field Operations Emissions Reduction	376	Conservation Practices
Windbreak/Shelterbelt Establishment and Renovation	380	Conservation Practices
Field Border	386	Conservation Practices
Riparian Herbaceous Cover	390	Conservation Practices
Riparian Forest Buffer	391	Conservation Practices
Filter Strip	393	Conservation Practices
Stream Habitat Improvement and Management	395	Conservation Practices
Grade Stabilization Structure	410	Conservation Practices
Grassed Waterway	412	Conservation Practices
Hedgerow Planting	422	Conservation Practices
Irrigation Pipeline	430	Conservation Practices
Irrigation Reservoir	436	Conservation Practices
Irrigation System, Microirrigation	441	Conservation Practices
Sprinkler System	442	Conservation Practices
Irrigation System, Surface and Subsurface	443	Conservation Practices
Irrigation Water Management	449	Conservation Practices
Lined Waterway or Outlet	468	Conservation Practices
Mulching	484	Conservation Practices
Forage Harvest Management	511	Conservation Practices
Pond Sealing or Lining, Compacted Soil Treatment	520	Conservation Practices
Sinkhole Treatment	527	Conservation Practices
Pumping Plant	533	Conservation Practices
Drainage Water Management	554	Conservation Practices

Practice Name	Practice Code	Practice Type
Stream Crossing	578	Conservation Practices
Streambank and Shoreline Protection	580	Conservation Practices
Channel Bed Stabilization	584	Conservation Practices
Stripcropping	585	Conservation Practices
Structure for Water Control	587	Conservation Practices
Nutrient Management	590	Conservation Practices
Pest Management Conservation System	595	Conservation Practices
Terrace	600	Conservation Practices
Herbaceous Wind Barriers	603	Conservation Practices
Saturated Buffer	604	Conservation Practices
Denitrifying Bioreactor	605	Conservation Practices
Tree/Shrub Establishment	612	Conservation Practices
Water and Sediment Control Basin	638	Conservation Practices
Soil Carbon Amendment	808	Interim Conservation Practices
Raised Beds	812	Interim Conservation Practices
Low Tunnel Systems	821	Interim Conservation Practices

## Ranking Weights

Factors	Algorithm	Allowable Min	Default	Allowable Max
Vulnerabilities	Default	10	10	40
Planned Practice Effects	Adjustment (D)	15	15	15
Resource Priorities	Default	20	60	60
Program Priorities	Default	5	5	15
Efficiencies	Default	10	10	10

## Display Group: NY Cropland (Active)

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

## Survey: Applicability Questions

Section: Applicability Question		
Question	Answer Choices	Points
Does the application include practices appropriate for the Cropland Ranking Pool?	YES	--
	NO	--

## Survey: Category Questions

Section: Category Question		
Question	Answer Choices	Points
Which Area will this application compete in? Select servicing Area.	Southeast	--
	Northeast	--
	West	--

## Survey: Program Questions

Section: Program Questions		
Question	Answer Choices	Points
Is this application located within the Chesapeake Bay Watershed?	Yes	25
	Otherwise	--
If installing a buffer to protect a watercourse/waterbody (a lake, reservoir, pond, wetland, river, flowing stream [solid or dashed line on a topographic map]), will all watercourse/waterbodies included on all land in the application be buffered?	YES	65
	NO	--
Does this application include practices that address nutrient concerns in a watershed/aquifer with documented impairments related to agriculture?	YES	60
	NO	--
Is this application located in an urban area?	Yes	50
	Otherwise	--
Has the applicant had a Farm Bill 2018 contract terminated?	YES	-56
	NO	--

## Survey: Resource Questions

Section: Resource Questions		
Question	Answer Choices	Points

## Section: Resource Questions

Question	Answer Choices	Points
Which of the following practices will be implemented through this application to address sheet and rill erosion? Select all that apply. Answers must be supported by the assessment.	Cover Crop (340)	10
	Residue and Tillage Management (329 or 345)	10
	Strip Cropping (585)	10
	Contour Farming or Contour Buffer Strips (330 or 332)	10
	Windbreak/Shelterbelt Establishment (380)	10
	Not applicable	0
Are practices in this application documented to reduce tillage intensity by implementing reduced tillage or no-till practices for each crop in the crop rotation for at least one field?	YES	20
	NO	--
Will this application introduce livestock to cropland in order to graze a cover crop under a prescribed grazing plan?	YES	10
	NO	--
Does this application address concerns associated with Karst geology?	YES	20
	NO	--
Does this application include the establishment of at least one buffer, per NRCS CPS, between cropland and a hydrologically sensitive area, such as: wetlands, streams, hydric soils, sink holes, etc.?	YES	20
	NO	--
If this application includes practices that address ephemeral or classic gully erosion, within how many feet uphill of a watercourse/waterbody (a lake, reservoir, pond, wetland, river, flowing stream [solid or dashed line on a topographic map]) does the erosion occur?	0 to <200	20
	200+	10
	Not applicable	0
On fields addressing a soil erosion or water quality resource concern to planning criteria, predominant soils included in this contract are (use soil slope of most dominant soil):	0-3% slope	5
	>3-8% slope	15
	>8% slope, soil on priority soils list, or on Long Island	20
	Not applicable	0
Does this application include practices to install a setback for manure application to the 590 standards from a NYSDEC classified stream? Answer is based on the highest level of stream excluded.	Class A or better	20
	Class B	15
	Class C(Ts or T)	10
	Class C	5
	Not applicable	0
What level of Nutrient Management will be implemented through this application?	Basic	10
	Incorporation/Injection	15
	Prescription Nutrient Efficiency, Precision Nutrient Application, Adaptive	20
	N/A or CAFO already applying Basic	0