Ranking Pool Report

Ranking Pool Soil Erosion Control - ACT NOW FY 2025 Michigan

Program EQIP

Pool Status Active

Tags ACT NOW

Template EQIP General National Ranking Template - Amended October 2023

Template Status Active

Existing Practice Included No

Last Modified By Justine Reid

Last Modified 01/21/2025

National Pool No

Include States MI (Admin)

Land Uses and Modifiers

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

Resource Concern Categories

Categories			
Category	**Min %**	**Default %**	**Max %**
Air quality emissions	0	5	100
Aquatic habitat	0	8	100
Concentrated erosion	0	6	100
Degraded plant condition	0	6	100
Field pesticide loss	0	6	100
Field sediment, nutrient and pathogen loss	0	8	100
Fire management	0	4	100
Inefficient energy use	0	4	100
Livestock production limitation	0	5	100
Pest pressure	0	8	100
Salt losses to water	0	4	100
Soil quality limitations	0	8	100
Source water depletion	0	4	100

Categories

Category	Min %	Default %	Max %
Storage and handling of pollutants	0	6	100
Terrestrial habitat	0	8	100
Weather resilience	0	4	100
Wind and water erosion	0	6	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
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 %

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

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	0	50	100
Energy efficiency of farming/ranching practices and field operations	0	50	100

Livestock production limitation

Resource Concern	Min %	Default %	Max %
Feed and forage balance	0	35	100
Inadequate livestock shelter	0	30	100
Inadequate livestock water quantity, quality and distribution	0	35	100

Pest pressure

Resource Concern	Min %	Default %	Max %
Plant pest pressure	0	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	0	15	100
Compaction	0	20	100
Concentration of salts or other chemicals	0	15	80

Soil quality limitations

Resource Concern	Min %	Default %	Max %
Organic matter depletion	0	20	100
Soil organism habitat loss or degradation	0	20	100
Subsidence	0	10	100

Source water depletion

Resource Concern	Min %	Default %	Max %
Groundwater depletion	0	35	90
Inefficient irrigation water use	0	35	90
Surface water depletion	0	30	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

Weather resilience

Resource Concern	Min %	Default %	Max %
Drifted snow	0	20	100
Naturally available moisture use	0	20	100
Ponding and flooding	0	20	100
Seasonal high water table	0	20	100
Seeps	0	20	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 Narratives	Practice Type
Herbaceous Weed Treatment	315	00N, 01N	Conservation Practices
Critical Area Planting	342	00N	Conservation Practices
Sediment Basin	350	00N	Conservation Practices
Diversion	362	00N, 01N, 02N, 03N	Conservation Practices
Fence	382	00N, 03N	Conservation Practices
Riparian Herbaceous Cover	390	00N, 01N	Conservation Practices
Riparian Forest Buffer	391	00N	Conservation Practices
Filter Strip	393	00N, 01N	Conservation Practices
Grade Stabilization Structure	410	00N	Conservation Practices
Grassed Waterway	412	00N	Conservation Practices
Mulching	484	00N, 02N, 03N	Conservation Practices
Tree/Shrub Site Preparation	490	00N	Conservation Practices
Heavy Use Area Protection	561	00N	Conservation Practices
Stormwater Runoff Control	570	00N	Conservation Practices
Stream Crossing	578	00N, 01N, 02N	Conservation Practices
Vegetative Barrier	601	00N	Conservation Practices
Subsurface Drain	606	00N	Conservation Practices
Underground Outlet	620	00N	Conservation Practices
Water and Sediment Control Basin	638	00N	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	50	60
Program Priorities	Default	5	15	15
Efficiencies	Default	10	10	10

Display Group: Soil Erosion Control - ACT NOW FY 2025 Michigan (Active)

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

Survey: Applicability Questions

Section: Applicability Questions		
Question	**Answer Choices**	**Points**
Does this application include practices that address a soil erosion problem?	YES	--
	NO	--

Survey: Category Questions

Section: Category Questions		
Question	**Answer Choices**	**Points**
Which area are the planned land units in?	Area 1	--
	Area 2	--
	Area 3	--
	Area 4	--

Survey: Program Questions

Section: Program Questions		
Question	**Answer Choices**	**Points**
Will the treatment you intend to implement using EQIP result in the application of practices prescribed in an NRCS-funded and approved Conservation Planning Activity (CPA)?	YES	30
	NO	0
Will the conservation practice(s) in this application be installed on lands protected by a Farm and Ranch Lands Protection Program (FRPP) easement or an Agricultural Conservation Easement Program-Agricultural Land Easement (ACEP-ALE)?	YES	10
	NO	0
Is the treatment to be implemented using EQIP part of an Implementation Schedule or Farmstead/Cropping Improvement Action Plan that will assist in a farm becoming MAEAP verified, Wildlife Risk Mitigated or will result in Risk Reduction of a "high risk," as identified by one of the State of Michigan's "A*Syst" Tools?	YES	30
	NO	0
Are any of the planned land units within a Michigan Department of Environment, Great Lakes, and Energy (MDEGLE)-designated impaired watershed?	YES	10
	NO	0

Survey: Resource Questions

Section: Resource Questions		
Question	**Answer Choices**	**Points**

Section: Resource Questions		
Question	**Answer Choices**	**Points**
The application includes:	Treatment of classic or ephemeral gullies, sheet and rill erosion, or wind erosion on land currently eroding above "T."	25
	Implementation of any of the following practices to address ephemeral or classic gully erosion: Grassed Waterway (412), Grade Stabilization Structure (410), Water and Sediment Control Basin (638), Critical Area Planting (342), Vegetative Barrier (601)	10
	Treatment of all measurable gully erosion (classic or ephemeral) occurring on all the offered acres.	15
	None of the above.	0
What is the "undrained" hydrologic group for the majority of the soils in the area(s) of concern?	A	20
	B	15
	C	10
	D	5
What is the annual soil loss per acre from the current management system(s) surrounding the area(s) of concern?	1 ton or less	30
	>1 to 2 tons	25
	>2 to 3 tons	20
	>3 to 5 tons	15
	>5 tons or not applicable	0
What is the total soil loss from all gullies that will be treated?	10 tons or less	5
	>10 to 20 tons	10
	>20 to 50 tons	15
	>50 to 100 tons	20
	>100 tons	25
	Not applicable.	0

Detailed Assessments

Name	Type	Jurisdiction	Status