Ranking Pool Report

Ranking Pool Livestock Systems FY 2025 Michigan

Program EQIP

Template EQIP General National Ranking Template - Amended October 2023

Last Modified By Justine Reid

Pool Status Active

Template Status Active

Last Modified 02/18/2025

Tags

Existing Practice Included No

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	--	--	--	--	--
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
Storage and handling of pollutants	0	6	100

Categories

Category	Min %	Default %	Max %
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 %
Nutrients transported to groundwater	0	20	100

Field sediment, nutrient and pathogen loss

Resource Concern	Min %	Default %	Max %
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
Organic matter depletion	0	20	100

Soil quality limitations

Resource Concern	Min %	Default %	Max %
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
Fish and Wildlife Habitat Design	144	00N	Activities
Pollinator Habitat Design	148	00N	Activities
Nutrient Management Design and Implementation Activity	157	00N	Activities
Feed Management Design	158	00N	Activities
Pest Management Conservation System Design	161	00N	Activities
Soil Health Management System Design	162	00N	Activities
Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	201	00N	Activities
Edge-of-Field Water Quality Monitoring-System Installation	202	00N	Activities
Site Assessment and Soil Testing for Contaminants Activity	207	00N	Activities
PFAS Testing in Water or Soil	209	00N	Activities
Soil Health Testing	216	00N	Activities
Soil and Source Testing for Nutrient Management	217	00N	Activities
Aquifer Flow Test	224	00N	Activities
Waste Facility Site Suitability and Feasibility Assessment	226	00N	Activities
Evaluation of Existing Waste Storage Facility Components	227	00N	Activities
Nutrient Management Implementation Support	257	00N	Activities
Waste Storage Facility	313	00N, 01N	Conservation Practices
Herbaceous Weed Treatment	315	00N, 01N	Conservation Practices
Animal Mortality Facility	316	00N, 01N, 02N, 03N	Conservation Practices
Composting Facility	317	00N, 01N, 03N	Conservation Practices
Conservation Cover	327	00N, 01N	Conservation Practices
Critical Area Planting	342	00N	Conservation Practices
Well Decommissioning	351	00N	Conservation Practices
Monitoring Well	353	00N	Conservation Practices
Waste Facility Closure	360	00N	Conservation Practices
Diversion	362	00N, 01N, 02N, 03N	Conservation Practices
Anaerobic Digester	366	00N	Conservation Practices
Roofs and Covers	367	00N, 01N, 02N	Conservation Practices
Windbreak/Shelterbelt Establishment and Renovation	380	00N	Conservation Practices
Fence	382	00N, 03N	Conservation Practices
Filter Strip	393	00N, 01N	Conservation Practices

Practice Name	Practice Code	Practice Narratives	Practice Type
Firebreak	394	00N	Conservation Practices
Grade Stabilization Structure	410	00N	Conservation Practices
Grassed Waterway	412	00N	Conservation Practices
Lined Waterway or Outlet	468	00N	Conservation Practices
Access Control	472	00N, 01N	Conservation Practices
Mulching	484	00N, 02N, 03N	Conservation Practices
Tree/Shrub Site Preparation	490	00N	Conservation Practices
Obstruction Removal	500	00N	Conservation Practices
Pond Sealing or Lining, Compacted Soil Treatment	520	00N, 01N, 02N, 03N	Conservation Practices
Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	521	00N, 01N, 02N	Conservation Practices
Pond Sealing or Lining - Concrete	522	00N, 01N, 02N, 03N	Conservation Practices
Sinkhole Treatment	527	00N	Conservation Practices
Pumping Plant	533	00N, 02N	Conservation Practices
Roof Runoff Structure	558	00N, 01N	Conservation Practices
Access Road	560	00N	Conservation Practices
Heavy Use Area Protection	561	00N	Conservation Practices
Stormwater Runoff Control	570	00N	Conservation Practices
Spoil Disposal	572	00N	Conservation Practices
Trails and Walkways	575	00N	Conservation Practices
Structure for Water Control	587	00N	Conservation Practices
Nutrient Management	590	00N, 06N, 07N, 08N	Conservation Practices
Feed Management	592	00N, 01N, 02N, 03N	Conservation Practices
Pest Management Conservation System	595	00N, 01N, 02N, 03N, 04N	Conservation Practices
Subsurface Drain	606	00N	Conservation Practices
Tree/Shrub Establishment	612	00N, 01N	Conservation Practices
Underground Outlet	620	00N	Conservation Practices
Wastewater Treatment – Milk House	627	00N	Conservation Practices

Practice Name	Practice Code	Practice Narratives	Practice Type
Waste Treatment	629	00N	Conservation Practices
Waste Separation Facility	632	00N	Conservation Practices
Waste Transfer	634	00N	Conservation Practices
Vegetated Treatment Area	635	00N	Conservation Practices
Water and Sediment Control Basin	638	00N	Conservation Practices
Water Well	642	00N	Conservation Practices
Road/Trail/Landing Closure and Treatment	654	00N	Conservation Practices
Constructed Wetland	656	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: Livestock Systems 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 address storage, treatment, land application, or handling (transferring) of animal waste or organic byproducts, such as animal carasses?	YES	--
	NO	--

Survey: Category Questions

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

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 EQIP-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**
Will this application result in an adequate storage duration for all agricultural wastes, as identified in a completed, current, NRCS-certified Comprehensive Nutrient Management Plan (CNMP)?	YES	50
	NO	0
Will this application include any of the following?	reduce objectionable odors near animal waste storage and treatment facilities through the installation of one or more of the following practices? 316-Animal Mortality Facility, 317-Composting Facility, 422-Hedgerow Planting, 380-Windbreak/Shelterbelt Establishment, or 650-Windbreak/Shelterbelt Renovation	20
	prevent polluted run-off from occurring by diverting clean water and storing or treating water which becomes contaminated through contact with animal waste?	15
	None of the above.	0

Section: Resource Questions		
Question	**Answer Choices**	**Points**
Will this application include any of the following?	Filter Strips (393) to provide protection from sediment, nutrient, or pathogen contamination	50
	Wastewater Treatment - Milkhouse (627) or Waste Treatment (629)	25
	the treatment of all animal waste through composting (manure or mortality), anaerobic digestion, or solid/liquid waste separation?	15
	None of the above.	0

Detailed Assessments

Name	Type	Jurisdiction	Status