

# USDA Ranking Pool Report

**Ranking** Planning Activities - ACT NOW FY 2025  
**Pool** 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 |
|-----------|--------|----------|-----------|-------|---------|---------|---------------|-----------|-------|-------------|
| 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   |
| 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 |
|---|---------------|---------------------|---------------|
| CNMP Design and Implementation Activity                               | 101           | 00N                 | Activities    |
| Comprehensive Nutrient Management Plan                                | 102           | 00N                 | Activities    |
| Forest Management Plan  | 106           | 00N                 | Activities    |
| Grazing Management Plan   | 110           | 00N                 | Activities    |
| Soil Health Management Plan   | 116           | 00N                 | Activities    |
| 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    |
| Grazing Management Design   | 159           | 00N                 | Activities    |
| Prescribed Burning Design   | 160           | 00N                 | Activities    |
| Pest Management Conservation System Design                            | 161           | 00N                 | Activities    |
| Soil Health Management System Design                                  | 162           | 00N                 | Activities    |
| Irrigation Water Management Design                                    | 163           | 00N                 | Activities    |
| Improved Management of Drainage Water Design                          | 164           | 00N                 | Activities    |
| Forest Management Practice Design                                     | 165           | 00N                 | Activities    |
| Conservation Plan   | 199           | 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    |
| Adaptive Management for Soil Health                                   | 204           | 00N                 | Activities    |
| Feed and Forage Analysis  | 206           | 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    |
| Carbon Sequestration and Greenhouse Gas Mitigation Assessment         | 218           | 00N                 | Activities    |
| Prescribed Grazing Conservation Evaluation and Monitoring Activity    | 219           | 00N                 | Activities    |
| Soil Organic Carbon Stock Monitoring                                  | 221           | 00N                 | Activities    |
| Indigenous Stewardship Methods Evaluation                             | 222           | 00N                 | Activities    |
| Forest Management Assessment  | 223           | 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    |

## 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: Planning Activities - 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 |
| Is the program application to support the development of a Conservation Planning Activity (CPA), Design and Implementation Activity (DIA), or Conservation Effects and Mgmt Activity (CEMA), other than an Agricultural Energy Assessment (228), Agricultural Energy Design (120), Conservation Plan Supporting Organic Transition (138) or Transition to Organic Design and Implementation Activity (140)? | YES            | --     |
|   | NO             | --     |

### Survey: Category Questions

| Section: Category Section                 |                |        |
|---|----------------|--------|
| 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 |
| Is the proposed CPA, DIA, and/or CEMA associated with an identified resource concern and will it provide the applicant knowledge about managing land to address resource concerns and therefore result in environmental benefit? | YES            | 200    |
|  | NO             | 0      |

### Survey: Resource Questions

Section: Resource Questions

| Question   | Answer Choices | Points |
|--|----------------|--------|
| Is the proposed CPA, DIA, and/or CEMA associated with an identified resource concern and will it provide the applicant knowledge about managing land to address resource concerns and therefore result in environmental benefit? | YES            | 200    |
|  | NO             | 0      |

Detailed Assessments

| Name | Type | Jurisdiction | Status |
|------|------|--------------|--------|
|------|------|--------------|--------|