

Ranking Pool Report

Ranking Pool: FY23 NH EQIP NWQI

Program: EQIP

Pool Status: Draft

States: NH (Admin)

Template: NWQI (National Water Quality Initiative)
FY2022

Template Status: Active

Last Modified By: Stephanie Tidwell

Last Modified: 12/28/2022

Land Uses and Modifiers

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

Resource Concern Categories

| Categories | | | |
|--|-------|-----------|-------|
| Category | Min % | Default % | Max % |
| Aquatic habitat | 0 | 5 | 10 |
| Concentrated erosion | 10 | 15 | 40 |
| Field pesticide loss | 0 | 5 | 5 |
| Field sediment, nutrient and pathogen loss | 20 | 30 | 80 |
| Salt losses to water | 0 | 5 | 10 |
| Soil quality limitations | 0 | 5 | 10 |
| Source water depletion | 0 | 5 | 20 |
| Storage and handling of pollutants | 10 | 25 | 50 |
| Wind and water erosion | 5 | 5 | 20 |

| 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 | 20 | 50 | 60 |
| Classic gully erosion | 20 | 35 | 60 |
| Ephemeral gully erosion | 15 | 15 | 60 |

Field pesticide loss

| Resource Concern | Min % | Default % | Max % |
|---|-------|-----------|-------|
| Pesticides transported to groundwater | 0 | 60 | 100 |
| Pesticides transported to surface water | 0 | 40 | 100 |

Field sediment, nutrient and pathogen loss

| Resource Concern | Min % | Default % | Max % |
|---|-------|-----------|-------|
| Nutrients transported to groundwater | 10 | 20 | 60 |
| Nutrients transported to surface water | 10 | 20 | 60 |
| Pathogens and chemicals from manure, biosolids or compost applications transported to groundwater | 10 | 20 | 60 |
| Pathogens and chemicals from manure, biosolids or compost applications transported to surface water | 10 | 20 | 60 |
| Sediment transported to surface water | 10 | 20 | 60 |

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 | 20 | 100 |
| Compaction | 0 | 20 | 100 |
| Concentration of salts or other chemicals | 0 | 20 | 100 |
| Organic matter depletion | 0 | 20 | 100 |
| Soil organism habitat loss or degradation | 0 | 10 | 100 |
| Subsidence | 0 | 10 | 100 |

Source water depletion

| Resource Concern | Min % | Default % | Max % |
|----------------------------------|-------|-----------|-------|
| Groundwater depletion | 0 | 25 | 100 |
| Inefficient irrigation water use | 0 | 50 | 100 |

Source water depletion

| Resource Concern | Min % | Default % | Max % |
|-------------------------|-------|-----------|-------|
| Surface water depletion | 0 | 25 | 100 |

Storage and handling of pollutants

| Resource Concern | Min % | Default % | Max % |
|---|-------|-----------|-------|
| Nutrients transported to groundwater | 10 | 30 | 80 |
| Nutrients transported to surface water | 10 | 30 | 80 |
| Petroleum, heavy metals and other pollutants transported to groundwater | 10 | 20 | 80 |
| Petroleum, heavy metals and other pollutants transported to surface water | 10 | 20 | 80 |

Wind and water erosion

| Resource Concern | Min % | Default % | Max % |
|------------------------|-------|-----------|-------|
| Sheet and rill erosion | 10 | 80 | 100 |
| Wind erosion | 0 | 20 | 90 |

Practices

| Practice Name | Practice Code | Practice Type |
|--|---------------|------------------------|
| Site Assessment and Soil Testing for Contaminants Activity | 207 | Activities |
| Soil Health Testing | 216 | Activities |
| Soil and Source Testing for Nutrient Management | 217 | Activities |
| Waste Storage Facility | 313 | Conservation Practices |
| Composting Facility | 317 | Conservation Practices |
| On-Farm Secondary Containment Facility | 319 | Conservation Practices |
| Conservation Crop Rotation | 328 | Conservation Practices |
| Residue and Tillage Management, No Till | 329 | Conservation Practices |
| Cover Crop | 340 | Conservation Practices |
| Critical Area Planting | 342 | Conservation Practices |
| Residue and Tillage Management, Reduced Till | 345 | Conservation Practices |
| Sediment Basin | 350 | Conservation Practices |
| Diversion | 362 | Conservation Practices |
| Roofs and Covers | 367 | Conservation Practices |

| Practice Name | Practice Code | Practice Type |
|---|---------------|--------------------------------|
| Fence | 382 | 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 |
| Lined Waterway or Outlet | 468 | Conservation Practices |
| Access Control | 472 | Conservation Practices |
| Pasture and Hay Planting | 512 | Conservation Practices |
| Livestock Pipeline | 516 | Conservation Practices |
| Prescribed Grazing | 528 | Conservation Practices |
| Roof Runoff Structure | 558 | Conservation Practices |
| Stormwater Runoff Control | 570 | Conservation Practices |
| Streambank and Shoreline Protection | 580 | Conservation Practices |
| Structure for Water Control | 587 | Conservation Practices |
| Nutrient Management | 590 | Conservation Practices |
| Subsurface Drain | 606 | Conservation Practices |
| Tree/Shrub Establishment | 612 | Conservation Practices |
| Underground Outlet | 620 | Conservation Practices |
| Waste Treatment | 629 | Conservation Practices |
| Waste Separation Facility | 632 | Conservation Practices |
| Waste Transfer | 634 | Conservation Practices |
| Vegetated Treatment Area | 635 | Conservation Practices |
| Water and Sediment Control Basin | 638 | Conservation Practices |
| Amending Soil Properties with Lime | 805 | Interim Conservation Practices |
| Soil Carbon Amendment | 808 | Interim Conservation Practices |

| Practice Name | Practice Code | Practice Type |
|------------------------------------|---------------|--------------------------------|
| Annual Forages for Grazing Systems | 810 | Interim Conservation Practices |

Ranking Weights

| Factors | Algorithm | Allowable Min | Default | Allowable Max |
|--------------------------|----------------|---------------|---------|---------------|
| Vulnerabilities | Default | 15 | 15 | 40 |
| Planned Practice Effects | Adjustment (D) | 10 | 10 | 15 |
| Resource Priorities | Default | 20 | 55 | 60 |
| Program Priorities | Default | 5 | 10 | 15 |
| Efficiencies | Default | 10 | 10 | 10 |

Display Group: FY23 NH EQIP NWQI DG (Draft)



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 PLU intersect the NWQI national layer of watersheds by 50% or greater? | intersect NWQI by 50 percent | -- |
| | Otherwise | -- |

Survey: Category Questions

| Section: Category | | |
|---|----------------|--------|
| Question | Answer Choices | Points |
| Does the application include land in the State of NH? | Yes - in NH | -- |
| | Otherwise | -- |

Survey: Program Questions

| Section: Program | | |
|---|---|--------|
| Question | Answer Choices | Points |
| Does the application intersect a source water protection watershed by at least 50%? | intersect a source water protection watershed by at least 50% | 25 |
| | Otherwise | -- |

Section: Program

| Question | Answer Choices | Points |
|---|----------------|--------|
| Does the application include one of the offered Climate Smart Ag & Forestry (CSAF) applicable practices or associated enhancements? | YES | 25 |
| | NO | -- |

Survey: Resource Questions

Section: Resource

| Question | Answer Choices | Points |
|--|--|--------|
| Does the application include the adaptive management cover crop scenario? | YES | 30 |
| | NO | -- |
| Does the application address water quality in water bodies that are impaired or that contribute to the impairment of another water body? | YES | 30 |
| | NO | -- |
| Does the PLU intersect the critical source area layer(s) for NWQI watersheds? | Yes - intersects critical source area layers | 40 |
| | Otherwise | -- |