

USDA Ranking Pool Report

Ranking Pool: NY FY24 Farmstead

Program: EQIP

Pool Status: Active

States: NY (Admin)

Template: EQIP General National Ranking Template -
Amended October 2023

Template Status: Active

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Last Modified: 01/30/202
4

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 | 5 | 100 |
| Concentrated erosion | 0 | 10 | 100 |
| Degraded plant condition | 0 | 5 | 100 |
| Field pesticide loss | 0 | 5 | 100 |
| Field sediment, nutrient and pathogen loss | 0 | 10 | 100 |
| Inefficient energy use | 0 | 5 | 100 |
| Livestock production limitation | 0 | 5 | 100 |
| Pest pressure | 0 | 5 | 100 |
| Soil quality limitations | 0 | 5 | 100 |
| Source water depletion | 0 | 10 | 100 |
| Storage and handling of pollutants | 0 | 15 | 100 |
| Terrestrial habitat | 0 | 5 | 100 |
| Weather resilience | 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 |
| 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 % |
|--|-------|-----------|-------|
| 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 |

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 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 Type |
|---|---------------|------------------------|
| CNMP Design and Implementation Activity | 101 | Activities |
| Agricultural Energy Design | 120 | Activities |
| Nutrient Management Design and Implementation Activity | 157 | Activities |
| Feed Management Design | 158 | Activities |
| Feed and Forage Analysis | 206 | Activities |
| Site Assessment and Soil Testing for Contaminants Activity | 207 | Activities |
| PFAS Testing in Water or Soil | 209 | Activities |
| Soil and Source Testing for Nutrient Management | 217 | Activities |
| Carbon Sequestration and Greenhouse Gas Mitigation Assessment | 218 | Activities |
| Aquifer Flow Test | 224 | Activities |
| Waste Facility Site Suitability and Feasibility Assessment | 226 | Activities |
| Evaluation of Existing Waste Storage Facility Components | 227 | Activities |
| Agrichemical Handling Facility | 309 | Conservation Practices |
| Waste Storage Facility | 313 | Conservation Practices |
| Animal Mortality Facility | 316 | Conservation Practices |
| Composting Facility | 317 | Conservation Practices |

| Practice Name | Practice Code | Practice Type |
|--|---------------|------------------------|
| On-Farm Secondary Containment Facility | 319 | Conservation Practices |
| Critical Area Planting | 342 | Conservation Practices |
| Sediment Basin | 350 | Conservation Practices |
| Well Decommissioning | 351 | Conservation Practices |
| Waste Facility Closure | 360 | Conservation Practices |
| Diversion | 362 | Conservation Practices |
| Anaerobic Digester | 366 | Conservation Practices |
| Roofs and Covers | 367 | Conservation Practices |
| Emergency Animal Mortality Management | 368 | Conservation Practices |
| Combustion System Improvement | 372 | Conservation Practices |
| Energy Efficient Agricultural Operation | 374 | Conservation Practices |
| Windbreak/Shelterbelt Establishment and Renovation | 380 | Conservation Practices |
| Fence | 382 | Conservation Practices |
| Riparian Herbaceous Cover | 390 | Conservation Practices |
| Riparian Forest Buffer | 391 | 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 |
| Livestock Pipeline | 516 | Conservation Practices |
| Pond Sealing or Lining, Compacted Soil Treatment | 520 | Conservation Practices |
| Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner | 521 | Conservation Practices |
| Pond Sealing or Lining - Concrete | 522 | Conservation Practices |
| Roof Runoff Structure | 558 | Conservation Practices |
| Heavy Use Area Protection | 561 | Conservation Practices |
| Stream Crossing | 578 | Conservation Practices |
| Streambank and Shoreline Protection | 580 | Conservation Practices |

| Practice Name | Practice Code | Practice Type |
|------------------------------------|---------------|------------------------|
| Structure for Water Control | 587 | Conservation Practices |
| Nutrient Management | 590 | Conservation Practices |
| Feed Management | 592 | Conservation Practices |
| Herbaceous Wind Barriers | 603 | Conservation Practices |
| Denitrifying Bioreactor | 605 | Conservation Practices |
| Waste Treatment | 629 | Conservation Practices |
| Waste Separation Facility | 632 | Conservation Practices |
| Waste Transfer | 634 | Conservation Practices |
| Vegetated Treatment Area | 635 | Conservation Practices |
| Energy Efficient Lighting System | 670 | Conservation Practices |
| Energy Efficient Building Envelope | 672 | Conservation Practices |

Ranking Weights

| Factors | Algorithm | Allowable Min | Default | Allowable Max |
|--------------------------|----------------|---------------|---------|---------------|
| Vulnerabilities | Default | 10 | 20 | 40 |
| Planned Practice Effects | Adjustment (D) | 15 | 15 | 15 |
| Resource Priorities | Default | 20 | 50 | 60 |
| Program Priorities | Default | 5 | 5 | 15 |
| Efficiencies | Default | 10 | 10 | 10 |

Display Group: FY24 Farmstead (Active)



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 application include practices appropriate for the Farmstead Ranking? | YES | -- |
| | NO | -- |

Survey: Category Questions

Section: Category Questions

| Question | Answer Choices | Points |
|--|----------------|--------|
| In which Area ranking pool will this application compete? Select servicing Area. | West Area | -- |
| | Northeast Area | -- |
| | Southeast Area | -- |

Survey: Program Questions

Section: Program Questions

| Question | Answer Choices | Points |
|--|---|--------|
| Is this application located within the Chesapeake Bay Watershed? | Yes | 25 |
| | Otherwise | -- |
| Does this application include practices to address farmstead resource concerns associated with a documented contaminated well? | YES | 32 |
| | NO | -- |
| Does this application include the closure of a documented environmentally unsound manure storage structure? | YES | 48 |
| | NO | -- |
| If this application includes practices to increase duration for waste storage, what percentage of the Animal Units (AUs) on the agricultural operation are already handled in an existing 3 month or greater waste storage? | 0% | 20 |
| | >0 - 25% | 17 |
| | 26 - 50% | 10 |
| | 51 - 75% | 6 |
| | 76 - 100% | 0 |
| | Not Applicable | 0 |
| If this application includes practices to address waste storage on a farm, AND the farm CURRENTLY has less than 3 months storage for the entire operation, what is the planned duration of waste storage for any one facility or facilities in the operation that a planned waste storage will serve for storage? If a waste storage facility is NOT in this application, OR if the farm currently has more than 3 months of storage for any AUs in the entire operation, answer Not applicable. | Less than 3 months | 5 |
| | More than 3 but less than 6 months | 10 |
| | 6 months or more | 20 |
| | Not Applicable | 0 |
| Does the farm currently follow an approved manure allocation plan that provides a nutrient balance based on NY590? If answering No, NY590 must be included as a practice in the application. Otherwise answer Not applicable. | Yes, CNMP documents following Basic NY590 | 0 |
| | Yes, Advanced NY590 is included in application on at least one field. Advanced nutrient management can include manure injection, manure incorporation, precision (split application, variable rate applications, nitrification or urease inhibitors, PSNT, CSNT, PPSN etc., or adaptive N). | 25 |
| | No (NY590 must be included as practice in the application). | 55 |
| | Not applicable | 0 |
| Has the applicant had a Farm Bill 2018 contract terminated? | YES | -56 |
| | NO | -- |

Survey: Resource Questions

| Section: Resource Questions | | |
|---|-------------------|--------|
| Question | Answer Choices | Points |
| Does this application address ground water resource concerns above an identified aquifer? | YES | 23 |
| | NO | -- |
| Is the resource concern located on a priority soil as defined on the Soil Priority List? | YES | 28 |
| | NO | -- |
| Does the conservation plan identify specific instances of sinkholes or karst topography within the spreadable acres, which will be addressed by practices included in this application? | YES | 23 |
| | NO | -- |
| What is the length of vegetated flow path from the water quality resource concern addressed in this application, to the watercourse/waterbody (a lake, reservoir, pond, wetland, river, continuously flowing stream [solid or dashed line on a topographic map])? | 0 - 99 feet | 76 |
| | 100 - 199 feet | 67 |
| | 200 - 299 feet | 55 |
| | 300 - 399 feet | 28 |
| | 400 or more | 17 |
| | Not Applicable | 0 |
| | | |
| What is the highest NYSDEC classification of a stream located within a 400-foot vegetated flow path of a documented farmstead resource concern? | Class A or higher | 50 |
| | Class B | 42 |
| | Class C (Ts) | 33 |
| | Class C (T) | 25 |
| | Class C | 17 |
| | Not Applicable | 0 |