



# Ranking Pool Report

**Ranking Pool:** FY24 Team 7- Forest

**Program:** EQIP

**Pool Status:** Draft

**States:** NM (Admin)

**Template:** EQIP General National Ranking Template - Amended October 2023

**Template Status:** Active

**Last Modified By:** Margaret Gnann

**Last Modified:** 01/26/2024  
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## Land Uses and Modifiers

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

## Resource Concern Categories

| Categories                      |       |           |       |
|---------------------------------|-------|-----------|-------|
| Category                        | Min % | Default % | Max % |
| Air quality emissions           | 0     | 2         | 100   |
| Aquatic habitat                 | 0     | 2         | 100   |
| Concentrated erosion            | 0     | 15        | 100   |
| Degraded plant condition        | 0     | 20        | 100   |
| Fire management                 | 0     | 24        | 100   |
| Inefficient energy use          | 0     | 2         | 100   |
| Livestock production limitation | 0     | 3         | 100   |
| Pest pressure                   | 0     | 10        | 100   |
| Soil quality limitations        | 0     | 2         | 100   |
| Source water depletion          | 0     | 2         | 100   |
| Terrestrial habitat             | 0     | 14        | 100   |
| Weather resilience              | 0     | 2         | 100   |
| Wind and water erosion          | 0     | 2         | 100   |

| Air quality emissions                   |       |           |       |
|---|-------|-----------|-------|
| Resource Concern                        | Min % | Default % | Max % |
| Emissions of airborne reactive nitrogen | 0     | 5         | 100   |

## Air quality emissions

| Resource Concern                                       | Min % | Default % | Max % |
|--|-------|-----------|-------|
| Emissions of greenhouse gases - GHGs                   | 0     | 5         | 100   |
| Emissions of ozone precursors                          | 0     | 5         | 100   |
| Emissions of particulate matter (PM) and PM precursors | 0     | 5         | 100   |
| Objectionable odor                                     | 0     | 80        | 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     | 95        | 100   |
| Plant structure and composition | 0     | 5         | 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   |

## 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     | 5         | 90    |
| Inefficient irrigation water use | 0     | 90        | 90    |
| Surface water depletion          | 0     | 5         | 90    |

## 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    |
| Comprehensive Nutrient Management Plan                                | 102           | Activities    |
| Forest Management Plan  | 106           | Activities    |
| Grazing Management Plan   | 110           | Activities    |
| Soil Health Management Plan   | 116           | Activities    |
| Agricultural Energy Design  | 120           | Activities    |
| Conservation Plan Supporting Organic Transition                       | 138           | Activities    |
| Transition to Organic Design  | 140           | Activities    |
| Fish and Wildlife Habitat Design                                      | 144           | Activities    |
| Pollinator Habitat Design   | 148           | Activities    |
| Nutrient Management Design and Implementation Activity                | 157           | Activities    |
| Feed Management Design  | 158           | Activities    |
| Grazing Management Design   | 159           | Activities    |
| Prescribed Burning Design   | 160           | Activities    |
| Pest Management Conservation System Design                            | 161           | Activities    |
| Soil Health Management System Design                                  | 162           | Activities    |
| Irrigation Water Management Design                                    | 163           | Activities    |
| Improved Management of Drainage Water Design                          | 164           | Activities    |
| Forest Management Practice Design                                     | 165           | Activities    |
| Conservation Plan   | 199           | Activities    |
| Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation | 201           | Activities    |
| Edge-of-Field Water Quality Monitoring-System Installation            | 202           | Activities    |
| Conservation Planning Activity  | 203           | 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 Health Testing   | 216           | Activities    |
| Soil and Source Testing for Nutrient Management                       | 217           | Activities    |
| Carbon Sequestration and Greenhouse Gas Mitigation Assessment         | 218           | Activities    |
| Prescribed Grazing Conservation Evaluation and Monitoring Activity    | 219           | Activities    |
| Soil Organic Carbon Stock Monitoring                                  | 221           | Activities    |
| Indigenous Stewardship Methods Evaluation                             | 222           | Activities    |
| Forest Management Assessment  | 223           | Activities    |
| Aquifer Flow Test   | 224           | Activities    |
| Waste Facility Site Suitability and Feasibility Assessment            | 226           | Activities    |

| <b>Practice Name</b>                                     | <b>Practice Code</b> | <b>Practice Type</b>   |
|--|----------------------|------------------------|
| Evaluation of Existing Waste Storage Facility Components | 227                  | Activities             |
| Agricultural Energy Assessment                           | 228                  | Activities             |
| Nutrient Management Implementation Support               | 257                  | Activities             |
| Feral Swine Damage Assessment                            | 297                  | Activities             |
| Alley Cropping   | 311                  | Conservation Practices |
| Waste Storage Facility                                   | 313                  | Conservation Practices |
| Brush Management   | 314                  | Conservation Practices |
| Herbaceous Weed Treatment                                | 315                  | Conservation Practices |
| Animal Mortality Facility                                | 316                  | Conservation Practices |
| Composting Facility                                      | 317                  | Conservation Practices |
| Short Term Storage of Animal Waste and By-Products       | 318                  | Conservation Practices |
| Irrigation Canal or Lateral                              | 320                  | Conservation Practices |
| Deep Tillage   | 324                  | Conservation Practices |
| High Tunnel System                                       | 325                  | Conservation Practices |
| Clearing and Snagging                                    | 326                  | Conservation Practices |
| Conservation Cover                                       | 327                  | Conservation Practices |
| Conservation Crop Rotation                               | 328                  | Conservation Practices |
| Residue and Tillage Management, No Till                  | 329                  | Conservation Practices |
| Contour Farming  | 330                  | Conservation Practices |
| Controlled Traffic Farming                               | 334                  | Conservation Practices |
| Soil Carbon Amendment                                    | 336                  | Conservation Practices |
| Prescribed Burning                                       | 338                  | Conservation Practices |
| Cover Crop   | 340                  | Conservation Practices |
| Critical Area Planting                                   | 342                  | Conservation Practices |
| Residue and Tillage Management, Reduced Till             | 345                  | Conservation Practices |
| Dam, Diversion   | 348                  | Conservation Practices |
| Sediment Basin   | 350                  | Conservation Practices |
| Well Decommissioning                                     | 351                  | Conservation Practices |

| Practice Name                                      | Practice Code | Practice Type          |
|--|---------------|------------------------|
| Monitoring Well                                    | 353           | Conservation Practices |
| Groundwater Testing                                | 355           | Conservation Practices |
| Dike and Levee                                     | 356           | Conservation Practices |
| Waste Treatment Lagoon                             | 359           | 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 |
| Air Filtration and Scrubbing                       | 371           | Conservation Practices |
| Combustion System Improvement                      | 372           | Conservation Practices |
| Dust Control on Unpaved Roads and Surfaces         | 373           | Conservation Practices |
| Energy Efficient Agricultural Operation            | 374           | Conservation Practices |
| Dust Management for Pen Surfaces                   | 375           | Conservation Practices |
| Field Operations Emissions Reduction               | 376           | Conservation Practices |
| Pond   | 378           | Conservation Practices |
| Forest Farming                                     | 379           | Conservation Practices |
| Windbreak/Shelterbelt Establishment and Renovation | 380           | Conservation Practices |
| Silvopasture                                       | 381           | Conservation Practices |
| Fence  | 382           | Conservation Practices |
| Fuel Break   | 383           | Conservation Practices |
| Woody Residue Treatment                            | 384           | Conservation Practices |
| Field Border                                       | 386           | Conservation Practices |
| Irrigation Field Ditch                             | 388           | Conservation Practices |
| Riparian Herbaceous Cover                          | 390           | Conservation Practices |
| Riparian Forest Buffer                             | 391           | Conservation Practices |
| Filter Strip                                       | 393           | Conservation Practices |

| Practice Name                              | Practice Code | Practice Type          |
|--|---------------|------------------------|
| Firebreak                                  | 394           | Conservation Practices |
| Stream Habitat Improvement and Management  | 395           | Conservation Practices |
| Aquatic Organism Passage                   | 396           | Conservation Practices |
| Aquaculture Pond                           | 397           | Conservation Practices |
| Fish Raceway or Tank                       | 398           | Conservation Practices |
| Fishpond Management                        | 399           | Conservation Practices |
| Dam  | 402           | Conservation Practices |
| Grade Stabilization Structure              | 410           | Conservation Practices |
| Grassed Waterway                           | 412           | Conservation Practices |
| Wildlife Habitat Planting                  | 420           | Conservation Practices |
| Hedgerow Planting                          | 422           | Conservation Practices |
| Hillside Ditch                             | 423           | Conservation Practices |
| Irrigation Ditch Lining                    | 428           | Conservation Practices |
| Irrigation Pipeline                        | 430           | Conservation Practices |
| Dry Hydrant                                | 432           | Conservation Practices |
| Irrigation Reservoir                       | 436           | Conservation Practices |
| Irrigation System, Microirrigation         | 441           | Conservation Practices |
| Sprinkler System                           | 442           | Conservation Practices |
| Irrigation System, Surface and Subsurface  | 443           | Conservation Practices |
| Irrigation and Drainage Tailwater Recovery | 447           | Conservation Practices |
| Irrigation Water Management                | 449           | Conservation Practices |
| Anionic Polyacrylamide (PAM) Application   | 450           | Conservation Practices |
| Land Clearing                              | 460           | Conservation Practices |
| Precision Land Forming and Smoothing       | 462           | Conservation Practices |
| Irrigation Land Leveling                   | 464           | Conservation Practices |
| Land Smoothing                             | 466           | Conservation Practices |
| Lined Waterway or Outlet                   | 468           | Conservation Practices |

| Practice Name  | Practice Code | Practice Type          |
|--|---------------|------------------------|
| Access Control   | 472           | Conservation Practices |
| Mulching   | 484           | Conservation Practices |
| Tree/Shrub Site Preparation                                    | 490           | Conservation Practices |
| Obstruction Removal  | 500           | Conservation Practices |
| Forage Harvest Management                                      | 511           | Conservation Practices |
| Pasture and Hay Planting                                       | 512           | 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 |
| Prescribed Grazing   | 528           | Conservation Practices |
| Pumping Plant  | 533           | Conservation Practices |
| Grazing Land Mechanical Treatment                              | 548           | Conservation Practices |
| Range Planting   | 550           | Conservation Practices |
| Drainage Water Management                                      | 554           | Conservation Practices |
| Row Arrangement  | 557           | Conservation Practices |
| Roof Runoff Structure  | 558           | Conservation Practices |
| Access Road  | 560           | Conservation Practices |
| Heavy Use Area Protection                                      | 561           | Conservation Practices |
| Recreation Area Improvement                                    | 562           | Conservation Practices |
| Stormwater Runoff Control                                      | 570           | Conservation Practices |
| Spoil Disposal   | 572           | Conservation Practices |
| Spring Development   | 574           | Conservation Practices |
| Trails and Walkways  | 575           | Conservation Practices |
| Stream Crossing  | 578           | Conservation Practices |
| Streambank and Shoreline Protection                            | 580           | Conservation Practices |
| Open Channel   | 582           | Conservation Practices |
| Channel Bed Stabilization                                      | 584           | Conservation Practices |




| Practice Name  | Practice Code | Practice Type          |
|--|---------------|------------------------|
| Structure for Water Control                          | 587           | Conservation Practices |
| Cross Wind Trap Strips                               | 589           | Conservation Practices |
| Nutrient Management                                  | 590           | Conservation Practices |
| Amendments for Treatment of Agricultural Waste       | 591           | Conservation Practices |
| Feed Management                                      | 592           | Conservation Practices |
| Pest Management Conservation System                  | 595           | Conservation Practices |
| Terrace  | 600           | Conservation Practices |
| Equitable Relief                                     | 602           | Conservation Practices |
| Herbaceous Wind Barriers                             | 603           | Conservation Practices |
| Denitrifying Bioreactor                              | 605           | Conservation Practices |
| Subsurface Drain                                     | 606           | Conservation Practices |
| Surface Drain, Field Ditch                           | 607           | Conservation Practices |
| Surface Drain, Main or Lateral                       | 608           | Conservation Practices |
| Surface Roughening                                   | 609           | Conservation Practices |
| Salinity and Sodic Soil Management                   | 610           | Conservation Practices |
| Tree/Shrub Establishment                             | 612           | Conservation Practices |
| Watering Facility                                    | 614           | Conservation Practices |
| Underground Outlet                                   | 620           | Conservation Practices |
| Waste Treatment                                      | 629           | Conservation Practices |
| Waste Separation Facility                            | 632           | Conservation Practices |
| Waste Recycling                                      | 633           | Conservation Practices |
| Waste Transfer                                       | 634           | Conservation Practices |
| Vegetated Treatment Area                             | 635           | Conservation Practices |
| Water Harvesting Catchment                           | 636           | Conservation Practices |
| Water and Sediment Control Basin                     | 638           | Conservation Practices |
| Water Well   | 642           | Conservation Practices |
| Restoration of Rare or Declining Natural Communities | 643           | Conservation Practices |

| Practice Name                              | Practice Code | Practice Type                  |
|--|---------------|--------------------------------|
| Wetland Wildlife Habitat Management        | 644           | Conservation Practices         |
| Upland Wildlife Habitat Management         | 645           | Conservation Practices         |
| Shallow Water Development and Management   | 646           | Conservation Practices         |
| Early Successional Habitat Development-Mgt | 647           | Conservation Practices         |
| Structures for Wildlife                    | 649           | Conservation Practices         |
| Windbreak/Shelterbelt Renovation           | 650           | Conservation Practices         |
| Forest Trails and Landings                 | 655           | Conservation Practices         |
| Constructed Wetland                        | 656           | Conservation Practices         |
| Wetland Restoration                        | 657           | Conservation Practices         |
| Wetland Creation                           | 658           | Conservation Practices         |
| Wetland Enhancement                        | 659           | Conservation Practices         |
| Tree-Shrub Pruning                         | 660           | Conservation Practices         |
| Forest Stand Improvement                   | 666           | Conservation Practices         |
| Energy Efficient Lighting System           | 670           | Conservation Practices         |
| Energy Efficient Building Envelope         | 672           | Conservation Practices         |
| Annual Forages for Grazing Systems         | 810           | Interim Conservation Practices |
| Raised Beds                                | 812           | Interim Conservation Practices |
| Low Tunnel Systems                         | 821           | Interim Conservation Practices |
| Organic Management                         | 823           | Interim Conservation Practices |
| Strategic Harvested Forage Management      | 827           | Interim Conservation Practices |
| TA Planning                                | 910           | TSP Codes                      |
| TA Design                                  | 911           | TSP Codes                      |
| TA Application                             | 912           | TSP Codes                      |
| TA Check-Out                               | 913           | TSP Codes                      |

## 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            | 60      | 60            |
| Program Priorities       | Default        | 5             | 5       | 15            |
| Efficiencies             | Default        | 10            | 10      | 10            |

## Display Group: FY24 Team 7- Forest (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 |
| Is the majority of the land in Team 7? | YES            | --     |
|  | NO             | --     |

### Survey: Category Questions

| Section: Category               |                |        |
|---------------------------------|----------------|--------|
| Question                        | Answer Choices | Points |
| Is forest the primary land use? | YES            | --     |
|                                 | NO             | --     |

### Survey: Program Questions

| Section: Program   |                |        |
|--|----------------|--------|
| Question   | Answer Choices | Points |
| Has applicant had a Farm Bill contract terminated due to circumstances within their control within the past three years?   | YES            | -100   |
|  | NO             | 0      |
| Does applicant agree to contract and implement forest resource management system (RMS) plan?   | YES            | 105    |
|  | NO             | 0      |
| Does the proposed contract will include one or more practices which will protect/enhance habitat for an at-risk species (Federal, State or Tribal listed Threatened, Endangered or candidate species)? | YES            | 95     |
|  | NO             | 0      |

### Survey: Resource Questions

## Section: Resource

| Question  | Answer Choices   | Points |
|---|--|--------|
| Will the resource concerns of wildfire hazard excessive biomass accumulation and inadequate structure and composition be addressed?   | Yes, with heavy density (>60 sq.ft.BA or >800 stems/ac. removed)       | 65     |
|   | Yes, with medium density (40-60 sq.ft.BA or 300-800 stems/ac. removed) | 40     |
|   | Yes, with light density (<40 sq.ft.BA or <300 stems/ac. removed)       | 30     |
|   | No reduction in biomass is planned.                                    | 0      |
| Will the resource concern inadequate water be addressed where natural surface water exists? (Ex.574-Spring Development)   | YES  | 20     |
|   | NO   | 0      |
| Will the resource concern inadequate water be addressed in areas where natural surface water does not exist? (Ex.642- Water Well)   | YES  | 15     |
|   | NO   | 0      |
| Will the resource concern inadequate feed and forage be addressed by enhancing existing water systems or installing new water systems? (Ex.614- Watering Facility)  | YES  | 25     |
|   | NO   | 0      |
| Will the resource concern concentrated flow erosion be addressed? (Ex.362-Diversions i.e. road bars, 410-Grade Stabilization Structures i.e. rock & brush dams, and/or 643 Restoration for rare and declining habitats)         | YES  | 30     |
|   | NO   | 0      |
| Will the resource concern Air Quality Impacts-Emmissions of Greenhouse Gases be addressed by completing pracitces using hand crews with chainsaws?  | YES  | 18     |
|   | NO   | 0      |
| Will the resource concerns of wildfire hazard excessive biomass accumulation and inadequate structure and composition be addressed which could prevent catastrophic fires? (Ex 383-Fuel Break)                                  | YES  | 20     |
|   | NO   | 0      |
| The resource concern Inadequate Habitat for Fish and Wildlife- will be addressed by practices in this contract -that will benefit at least one limiting wildlife habitat element as identified by a positive score on the WHEG. | YES  | 7      |
|   | NO   | 0      |