

NATIONAL RANKING TEMPLATE

TEMPLATE NAME

EQIP Disaster Relief

PROGRAM

EQIP

LAND USES

MODIFIERS (the modifiers- must be met and are not or but and)

| | Included | | Included | | Included | | Included | | Included | | Included | | Included | | Included |
|--------------------|-------------------------------------|--------|--------------------------|-----------|--------------------------|---------|--------------------------|---------|--------------------------|---------------|--------------------------|-----------|--------------------------|-------|--------------------------|
| Crop | <input checked="" type="checkbox"/> | Grazed | <input type="checkbox"/> | Irrigated | <input type="checkbox"/> | Drained | <input type="checkbox"/> | Organic | <input type="checkbox"/> | Water Feature | <input type="checkbox"/> | Protected | <input type="checkbox"/> | Hayed | <input type="checkbox"/> |
| Forest | <input checked="" type="checkbox"/> | Grazed | <input type="checkbox"/> | Irrigated | <input type="checkbox"/> | Drained | <input type="checkbox"/> | Organic | <input type="checkbox"/> | Water Feature | <input type="checkbox"/> | Protected | <input type="checkbox"/> | Hayed | <input type="checkbox"/> |
| Range | <input checked="" type="checkbox"/> | Grazed | <input type="checkbox"/> | Irrigated | <input type="checkbox"/> | Drained | <input type="checkbox"/> | Organic | <input type="checkbox"/> | Water Feature | <input type="checkbox"/> | Protected | <input type="checkbox"/> | Hayed | <input type="checkbox"/> |
| Pasture | <input checked="" type="checkbox"/> | Grazed | <input type="checkbox"/> | Irrigated | <input type="checkbox"/> | Drained | <input type="checkbox"/> | Organic | <input type="checkbox"/> | Water Feature | <input type="checkbox"/> | Protected | <input type="checkbox"/> | Hayed | <input type="checkbox"/> |
| Protected | <input type="checkbox"/> | Grazed | <input type="checkbox"/> | Irrigated | <input type="checkbox"/> | Drained | <input type="checkbox"/> | Organic | <input type="checkbox"/> | Water Feature | <input type="checkbox"/> | Protected | <input type="checkbox"/> | Hayed | <input type="checkbox"/> |
| Farmstead | <input checked="" type="checkbox"/> | Grazed | <input type="checkbox"/> | Irrigated | <input type="checkbox"/> | Drained | <input type="checkbox"/> | Organic | <input type="checkbox"/> | Water Feature | <input type="checkbox"/> | Protected | <input type="checkbox"/> | Hayed | <input type="checkbox"/> |
| Developed Land | <input checked="" type="checkbox"/> | Grazed | <input type="checkbox"/> | Irrigated | <input type="checkbox"/> | Drained | <input type="checkbox"/> | Organic | <input type="checkbox"/> | Water Feature | <input type="checkbox"/> | Protected | <input type="checkbox"/> | Hayed | <input type="checkbox"/> |
| Water | <input checked="" type="checkbox"/> | Grazed | <input type="checkbox"/> | Irrigated | <input type="checkbox"/> | Drained | <input type="checkbox"/> | Organic | <input type="checkbox"/> | Water Feature | <input type="checkbox"/> | Protected | <input type="checkbox"/> | Hayed | <input type="checkbox"/> |
| Other Rural Land | <input type="checkbox"/> | Grazed | <input type="checkbox"/> | Irrigated | <input type="checkbox"/> | Drained | <input type="checkbox"/> | Organic | <input type="checkbox"/> | Water Feature | <input type="checkbox"/> | Protected | <input type="checkbox"/> | Hayed | <input type="checkbox"/> |
| Associated Ag Land | <input checked="" type="checkbox"/> | Grazed | <input type="checkbox"/> | Irrigated | <input type="checkbox"/> | Drained | <input type="checkbox"/> | Organic | <input type="checkbox"/> | Water Feature | <input type="checkbox"/> | Protected | <input type="checkbox"/> | Hayed | <input type="checkbox"/> |
| Undetermined | <input type="checkbox"/> | Grazed | <input type="checkbox"/> | Irrigated | <input type="checkbox"/> | Drained | <input type="checkbox"/> | Organic | <input type="checkbox"/> | Water Feature | <input type="checkbox"/> | Protected | <input type="checkbox"/> | Hayed | <input type="checkbox"/> |

RESOURCE CONCERN CATEGORIES

Min%

Default

Max%

Included

Notes (Reasons for Inclusions)

| | | | | | |
|--|----------|-----------|------------|-------------------------------------|--|
| Air Quality emissions | 0 | 5 | 100 | <input checked="" type="checkbox"/> | |
| Emissions of airborne reactive nitrogen | 0 | 20 | 100 | <input checked="" type="checkbox"/> | |
| Emissions of greenhouse gases - GHGs | 0 | 20 | 100 | <input checked="" type="checkbox"/> | |
| Emissions of ozone precursors | 0 | 20 | 100 | <input checked="" type="checkbox"/> | |
| Emissions of particulate matter (PM) and PM precursors | 0 | 20 | 100 | <input checked="" type="checkbox"/> | |
| Objectionable odor | 0 | 20 | 100 | <input checked="" type="checkbox"/> | |
| Total | | 100 | | | |
| Aquatic Habitat | 0 | 5 | 100 | <input checked="" type="checkbox"/> | |
| Aquatic habitat for fish and other organisms | 0 | 50 | 100 | <input checked="" type="checkbox"/> | |
| Elevated water temperature | 0 | 50 | 100 | <input checked="" type="checkbox"/> | |
| Total | | 100 | | | |
| Concentrated Erosion | 0 | 10 | 100 | <input checked="" type="checkbox"/> | |
| Bank erosion from streams, shorelines, or water conveyances channels | 0 | 30 | 100 | <input checked="" type="checkbox"/> | |
| Classic gully erosion | 0 | 35 | 100 | <input checked="" type="checkbox"/> | |
| Ephemeral gully erosion | 0 | 35 | 100 | <input checked="" type="checkbox"/> | |
| Total | | 100 | | | |
| Degraded Plant Condition | 0 | 5 | 100 | <input checked="" type="checkbox"/> | |
| Plant productivity and health | 0 | 50 | 100 | <input checked="" type="checkbox"/> | |
| Plant structure and composition | 0 | 50 | 100 | <input checked="" type="checkbox"/> | |
| Total | | 100 | | | |

| | | | | |
|--|----------|----------|------------|-------------------------------------|
| Field Sediment, Nutrient, and Pathogen Loss | 0 | 5 | 100 | <input checked="" type="checkbox"/> |
| Nutrients transported to groundwater | 0 | 20 | 100 | <input checked="" type="checkbox"/> |
| Nutrients transported to surface water | 0 | 20 | 100 | <input checked="" type="checkbox"/> |
| Pathogens and chemicals from manure, biosolids, or compost applications transported to groundwater | 0 | 20 | 100 | <input checked="" type="checkbox"/> |
| Pathogens and chemicals from manure, biosolids, or compost applications transported to surface water | 0 | 20 | 100 | <input checked="" type="checkbox"/> |
| Sediment transported to surface water | 0 | 20 | 100 | <input checked="" type="checkbox"/> |
| Total | | 100 | | |
| Field Pesticide Loss | 0 | 5 | 100 | <input checked="" type="checkbox"/> |
| Pesticides transported to groundwater | 0 | 50 | 100 | <input checked="" type="checkbox"/> |
| Pesticides transported to surface water | 0 | 50 | 100 | <input checked="" type="checkbox"/> |
| Total | | 100 | | |
| Fire Management | 0 | 5 | 100 | <input checked="" type="checkbox"/> |
| Wildfire hazard from biomass accumulation | 0 | 100 | 100 | <input checked="" type="checkbox"/> |
| Total | | 100 | | |
| Inefficient Energy Use | 0 | 5 | 100 | <input checked="" type="checkbox"/> |
| Energy efficient equipment and facilities | 0 | 50 | 100 | <input checked="" type="checkbox"/> |
| Energy efficient farming/ranching practices and field operations | 0 | 50 | 100 | <input checked="" type="checkbox"/> |
| Total | | 100 | | |
| Livestock Production Limitation | 0 | 5 | 100 | <input checked="" type="checkbox"/> |
| Feed and forage balance | 0 | 35 | 100 | <input checked="" type="checkbox"/> |
| Inadequate livestock shelter | 0 | 30 | 100 | <input checked="" type="checkbox"/> |
| Inadequate livestock water quantity, quality, and distribution | 0 | 35 | 100 | <input checked="" type="checkbox"/> |
| Total | | 100 | | |
| Pest Pressure | 0 | 5 | 100 | <input checked="" type="checkbox"/> |
| Plant pest pressure | 0 | 100 | 100 | <input checked="" type="checkbox"/> |
| Total | | 100 | | |
| Salt Losses to Water | 0 | 5 | 100 | <input checked="" type="checkbox"/> |
| Salt transported to groundwater | 0 | 50 | 100 | <input checked="" type="checkbox"/> |
| Salt transported to surface water | 0 | 50 | 100 | <input checked="" type="checkbox"/> |
| Total | | 100 | | |
| Soil Quality Limitations | 0 | 5 | 100 | <input checked="" type="checkbox"/> |
| Aggregate instability | 0 | 15 | 100 | <input checked="" type="checkbox"/> |
| Compaction | 0 | 20 | 100 | <input checked="" type="checkbox"/> |
| Concentration of salts or other chemicals | 0 | 15 | 100 | <input checked="" type="checkbox"/> |
| Organic matter depletion | 0 | 20 | 100 | <input checked="" type="checkbox"/> |
| Soil organism habitat loss or degradation | 0 | 20 | 100 | <input checked="" type="checkbox"/> |
| Subsidence | 0 | 10 | 100 | <input checked="" type="checkbox"/> |
| Total | | 100 | | |

| | | | | | |
|--|--------------------------------|-----------|------------|-------------------------------------|--|
| Source Water Depletion | 0 | 10 | 100 | <input checked="" type="checkbox"/> | |
| Groundwater depletion | 0 | 35 | 100 | <input checked="" type="checkbox"/> | |
| Inefficient irrigation water use | 0 | 35 | 100 | <input checked="" type="checkbox"/> | |
| Surface water depletion | 0 | 30 | 100 | <input checked="" type="checkbox"/> | |
| Total | | 100 | | | |
| Storage and Handling of Pollutants | 0 | 5 | 100 | <input checked="" type="checkbox"/> | |
| Nutrients transported to groundwater | 0 | 20 | 100 | <input checked="" type="checkbox"/> | |
| Nutrients transported to surface water | 0 | 20 | 100 | <input checked="" type="checkbox"/> | |
| Pesticides transported to surface water | 0 | 20 | 100 | | |
| Petroleum, heavy metals, and other pollutants transported to groundwater | 0 | 20 | 100 | <input checked="" type="checkbox"/> | |
| Petroleum, heavy metals, and other pollutants transported to surface water | 0 | 20 | 100 | <input checked="" type="checkbox"/> | |
| Total | | 100 | | | |
| Terrestrial Habitat | 0 | 5 | 100 | <input checked="" type="checkbox"/> | |
| Terrestrial habitat for wildlife and invertebrates | 0 | 100 | 100 | <input checked="" type="checkbox"/> | |
| Total | | 100 | | | |
| Weather Resilience | 0 | 5 | 100 | <input checked="" type="checkbox"/> | |
| Drifted snow | 0 | 20 | 100 | <input checked="" type="checkbox"/> | |
| Naturally available moisture use | 0 | 20 | 100 | <input checked="" type="checkbox"/> | |
| Ponding and flooding | 0 | 20 | 100 | <input checked="" type="checkbox"/> | |
| Seasonal high water table | 0 | 20 | 100 | <input checked="" type="checkbox"/> | |
| Seeps | 0 | 20 | 100 | <input checked="" type="checkbox"/> | |
| Total | | 100 | | | |
| Wind and Water Erosion | 0 | 10 | 100 | <input checked="" type="checkbox"/> | |
| Sheet and rill erosion | 0 | 50 | 100 | <input checked="" type="checkbox"/> | |
| Wind erosion | 0 | 50 | 100 | <input checked="" type="checkbox"/> | |
| Total | | 100 | | | |
| Long-term Protection of Land | 0 | 0 | 0 | | |
| Threat of Conversion | | | | <input type="checkbox"/> | |
| Loss of functions and values | | | | <input type="checkbox"/> | |
| Total | | 0 | | | |
| Resource Concern Categories Total | | 100 | | | |
| Conservation Activities | List Activities (see tabs) | | | | |
| Structural | See Conservation Practice List | | | | |
| Vegetative | See Conservation Practice List | | | | |
| Management | See Conservation Practice List | | | | |

| | | | |
|--------------|-----|--|--|
| Enhancements | N/A | | |
|--------------|-----|--|--|

| | | | |
|--------------------|-----|--|--|
| Easement Practices | N/A | | |
|--------------------|-----|--|--|

| RANKING COMPONENT WEIGHTS | Min% | Default | Max% |
|--|------|---------|------|
| Vulnerabilities | 25 | 30 | 40 |
| Planned Practice Points | 20 | 25 | 35 |
| Resource Priorities | 5 | 20 | 25 |
| Program Priorities | 5 | 15 | 20 |
| Efficiency = (Planned Practice Points divided by log(Average Practice Cost)) | 10 | 10 | 10 |
| Total | | 100 | |

| Practice Code | Practice Name |
|----------------------|--|
| 102 | Comprehensive Nutrient Management Plan - Written |
| 106 | Forest Management Plan - Written |
| 309 | Agrichemical Handling Facility |
| 310 | Bedding |
| 311 | Alley Cropping |
| 313 | Waste Storage Facility |
| 314 | Brush Management |
| 315 | Herbaceous Weed Treatment |
| 316 | Animal Mortality Facility |
| 317 | Composting Facility |
| 318 | Short Term Storage of Animal Waste and Byproducts |
| 319 | On-Farm Secondary Containment Facility |
| 320 | Irrigation Canal or Lateral |
| 324 | Deep Tillage |
| 325 | High Tunnel System |
| 326 | Clearing and Snagging |
| 327 | Conservation Cover |
| 328 | Conservation Crop Rotation |
| 329 | Residue and Tillage Management, No-Till |
| 330 | Contour Farming |
| 331 | Contour Orchard and Other Perennial Crops |
| 332 | Contour Buffer Strips |
| 333 | Amending Soil Properties with Gypsum Products |
| 334 | Controlled Traffic Farming |
| 338 | Prescribed Burning |
| 340 | Cover Crop |
| 342 | Critical Area Planting |
| 345 | Residue and Tillage Management, Reduced Till |
| 348 | Dam, Diversion |
| 350 | Sediment Basin |
| 351 | Well Decommissioning |
| 353 | Monitoring Well |
| 355 | Groundwater Testing |
| 356 | Dike |
| 359 | Waste Treatment Lagoon |
| 360 | Waste Facility Closure |
| 362 | Diversion |
| 366 | Anaerobic Digester |
| 367 | Roofs and Covers |
| 368 | Emergency Animal Mortality Management |
| 371 | Air Filtration and Scrubbing |
| 372 | Combustion System Improvement |
| 373 | Dust Control on Unpaved Roads and Surfaces |
| 374 | FARMSTEAD ENERGY IMPROVEMENT |
| 375 | DUST CONTROL FROM ANIMAL ACTIVITY ON OPEN LOT SURFACES |
| 376 | Field Operations Emissions Reduction |

| Practice Code | Practice Name |
|----------------------|---|
| 378 | Pond |
| 379 | Multi-Story Cropping |
| 380 | Windbreak/Shelterbelt Establishment |
| 381 | Silvopasture Establishment |
| 382 | Fence |
| 383 | Fuel Break |
| 384 | Woody Residue Treatment |
| 386 | Field Border |
| 388 | Irrigation Field Ditch |
| 390 | Riparian Herbaceous Cover |
| 391 | Riparian Forest Buffer |
| 393 | Filter Strip |
| 394 | Firebreak |
| 395 | Stream Habitat Improvement and Management |
| 396 | Aquatic Organism Passage |
| 397 | Aquaculture Ponds |
| 398 | Fish Raceway or Tank |
| 399 | Fishpond Management |
| 400 | Bivalve Aquaculture Gear and Biofouling Control |
| 402 | Dam |
| 410 | Grade Stabilization Structure |
| 412 | Grassed Waterway |
| 420 | Wildlife Habitat Planting |
| 422 | Hedgerow Planting |
| 423 | Hillside Ditch |
| 428 | Irrigation Ditch Lining |
| 430 | Irrigation Pipeline |
| 432 | Dry Hydrant |
| 436 | Irrigation Reservoir |
| 441 | Irrigation System, Microirrigation |
| 442 | Sprinkler System |
| 443 | Irrigation System, Surface and Subsurface |
| 447 | Irrigation System, Tailwater Recovery |
| 449 | Irrigation Water Management |
| 450 | Anionic Polyacrylamide (PAM) Application |
| 453 | Land Reclamation, Landslide Treatment |
| 455 | Land Reclamation, Toxic Discharge Control |
| 457 | Mine Shaft and Adit Closing |
| 460 | Land Clearing |
| 462 | Precision Land Forming |
| 464 | Irrigation Land Leveling |
| 466 | Land Smoothing |
| 468 | Lined Waterway or Outlet |
| 472 | Access Control |
| 482 | Mole Drain |
| 484 | Mulching |
| 490 | Tree/Shrub Site Preparation |

| Practice Code | Practice Name |
|----------------------|--|
| 500 | Obstruction Removal |
| 511 | Forage Harvest Management |
| 512 | Forage and Biomass Planting |
| 516 | Livestock Pipeline |
| 520 | Pond Sealing or Lining, Compacted Soil Treatment |
| 521 | Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner |
| 522 | Pond Sealing or Lining - Concrete |
| 527 | Karst Sinkhole Treatment |
| 528 | Prescribed Grazing |
| 533 | Pumping Plant |
| 543 | Land Reclamation, Abandoned Mined Land |
| 544 | Land Reclamation, Currently Mined Land |
| 548 | Grazing Land Mechanical Treatment |
| 550 | Range Planting |
| 554 | Drainage Water Management |
| 555 | Rock Barrier |
| 557 | Row Arrangement |
| 558 | Roof Runoff Structure |
| 560 | Access Road |
| 561 | Heavy Use Area Protection |
| 562 | Recreation Area Improvement |
| 566 | Recreation Land Grading and Shaping |
| 570 | Stormwater Runoff Control |
| 572 | Spoil Spreading |
| 574 | Spring Development |
| 575 | Trails and Walkways |
| 576 | Livestock Shelter Structure |
| 578 | Stream Crossing |
| 580 | Streambank and Shoreline Protection |
| 582 | Open Channel |
| 584 | Channel Bed Stabilization |
| 585 | Stripcropping |
| 587 | Structure for Water Control |
| 588 | Crosswind Ridges |
| 589 | Cross Wind Trap Strips |
| 590 | Nutrient Management |
| 591 | Amendments for the Treatment of Agricultural Waste |
| 592 | Feed Management |
| 595 | Integrated Pest Management |
| 600 | Terrace |
| 601 | Vegetative Barrier |
| 603 | Herbaceous Wind Barriers |
| 604 | Saturated Buffer |
| 605 | Denitifying Bioreactor |
| 606 | Subsurface Drain |
| 607 | Surface Drain, Field Ditch |
| 608 | Surface Drain, Main or Lateral |

| Practice Code | Practice Name |
|----------------------|--|
| 609 | Surface Roughening |
| 610 | Salinity and Sodic Soil Management |
| 612 | Tree/Shrub Establishment |
| 614 | Watering Facility |
| 620 | Underground Outlet |
| 629 | Waste Treatment |
| 630 | Vertical Drain |
| 632 | Waste Separation Facility |
| 633 | Waste Recycling |
| 634 | Waste Transfer |
| 635 | Vegetated Treatment Area |
| 636 | Water Harvesting Catchment |
| 638 | Water and Sediment Control Basin |
| 640 | Waterspreading |
| 642 | Water Well |
| 643 | Restoration of Rare or Declining Natural Communities |
| 644 | Wetland Wildlife Habitat Management |
| 645 | Upland Wildlife Habitat Management |
| 646 | Shallow Water Development and Management |
| 647 | Early Successional Habitat Development/Management |
| 649 | Structures for Wildlife |
| 650 | Windbreak/Shelterbelt Renovation |
| 654 | Road/Trail/Landing Closure & Treatment |
| 655 | Forest Trails and Landings |
| 656 | Constructed Wetland |
| 657 | Wetland Restoration |
| 658 | Wetland Creation |
| 659 | Wetland Enhancement |
| 660 | Tree/Shrub Pruning |
| 666 | Forest Stand Improvement |
| 670 | Lighting System Improvement |
| 672 | Building Envelope Improvement |
| 724 | Water Treatment Facility |
| 735 | Waste Gassification Facility |
| 736 | Crop By-Product Transfer |
| 737 | Reduced Water and Energy Coffee Conveyance System |
| 740 | Pond Sealing and Lining, Soil Cement |
| 751 | Individual Terrace |
| 753 | Infiltration Ditches |
| 755 | Well Plugging |
| 770 | Livestock Confinement Facility |
| 775 | Drainage Ditch Covering |
| 782 | Phosphorous Removal System |
| 796 | Milking Center Wastewater Treatment |
| 800 | Controlling Existing Flowing Wells |
| 803 | Water Well Disinfection |
| 810 | Annual Forages for Grazing System |

| Practice Code | Practice Name |
|----------------------|--|
| 910 | TA Planning |
| 911 | TA Design |
| 912 | TA Application |
| 913 | TA Check-Out |
| 428A | Irrigation Water Conveyance, Ditch and Canal Lining, Plain Concrete |
| 428B | Irrigation Water Conveyance, Ditch and Canal Lining, Flexible Membrane |
| 428C | Irrigation Water Conveyance, Ditch and Canal Lining, Galvanized Steel |
| 521A | Pond Sealing or Lining, Flexible Membrane |
| 521B | Pond Sealing or Lining, Soil Dispersant |
| 521C | Pond Sealing or Lining, Bentonite Sealant |
| 521D | Pond Sealing or Lining, Compacted Clay Treatment |
| 589C | Cross Wind Trap Strips |