

## 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	Grazed	Included	Irrigated	Included	Drained	Included	Organic	Included	Water Feature	Included	Protected	Included	Hayed	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)

<b>Air Quality emissions</b>	<b>0</b>	<b>5</b>	<b>100</b>	<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			
<b>Aquatic Habitat</b>	<b>0</b>	<b>5</b>	<b>100</b>	<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			
<b>Concentrated Erosion</b>	<b>0</b>	<b>10</b>	<b>100</b>	<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			
<b>Degraded Plant Condition</b>	<b>0</b>	<b>5</b>	<b>100</b>	<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			

<b>Field Sediment, Nutrient, and Pathogen Loss</b>	<b>0</b>	<b>5</b>	<b>100</b>	<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		
<b>Field Pesticide Loss</b>	<b>0</b>	<b>5</b>	<b>100</b>	<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		
<b>Fire Management</b>	<b>0</b>	<b>5</b>	<b>100</b>	<input checked="" type="checkbox"/>
Wildfire hazard from biomass accumulation	0	100	100	<input checked="" type="checkbox"/>
Total		100		
<b>Inefficient Energy Use</b>	<b>0</b>	<b>5</b>	<b>100</b>	<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		
<b>Livestock Production Limitation</b>	<b>0</b>	<b>5</b>	<b>100</b>	<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		
<b>Pest Pressure</b>	<b>0</b>	<b>5</b>	<b>100</b>	<input checked="" type="checkbox"/>
Plant pest pressure	0	100	100	<input checked="" type="checkbox"/>
Total		100		
<b>Salt Losses to Water</b>	<b>0</b>	<b>5</b>	<b>100</b>	<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		
<b>Soil Quality Limitations</b>	<b>0</b>	<b>5</b>	<b>100</b>	<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		

<b>Source Water Depletion</b>	<b>0</b>	<b>10</b>	<b>100</b>	<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			
<b>Storage and Handling of Pollutants</b>	<b>0</b>	<b>5</b>	<b>100</b>	<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			
<b>Terrestrial Habitat</b>	<b>0</b>	<b>5</b>	<b>100</b>	<input checked="" type="checkbox"/>	
Terrestrial habitat for wildlife and invertebrates	0	100	100	<input checked="" type="checkbox"/>	
Total		100			
<b>Weather Resilience</b>	<b>0</b>	<b>5</b>	<b>100</b>	<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			
<b>Wind and Water Erosion</b>	<b>0</b>	<b>10</b>	<b>100</b>	<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			
<b>Long-term Protection of Land</b>	<b>0</b>	<b>0</b>	<b>0</b>		
Threat of Conversion				<input type="checkbox"/>	
Loss of functions and values				<input type="checkbox"/>	
Total		0			
<b>Resource Concern Categories Total</b>		100			
<b>Conservation Activities</b>	List Activities (see tabs)				
Structural	See Conservation Practice List				
Vegetative	See Conservation Practice List				
Management	See Conservation Practice List				

Enhancements	N/A		
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Easement Practices	N/A		
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<b>RANKING COMPONENT WEIGHTS</b>	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
<b>Total</b>		100	

<b>Practice Code</b>	<b>Practice Name</b>
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

<b>Practice Code</b>	<b>Practice Name</b>
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

<b>Practice Code</b>	<b>Practice Name</b>
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

<b>Practice Code</b>	<b>Practice Name</b>
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



<b>Practice Code</b>	<b>Practice Name</b>
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