

NATIONAL RANKING TEMPLATE

TEMPLATE NAME

EQIP General

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	2	5	35	<input checked="" type="checkbox"/>	
Emmissions of airborne reactive nitrogen	5	20	85	<input checked="" type="checkbox"/>	
Emmissions of greenhouse gases - GHGs	5	20	85	<input checked="" type="checkbox"/>	
Emmissions of ozone precursors	5	20	85	<input checked="" type="checkbox"/>	
Emmissions of particulate matter (PM) and PM precursors	5	20	85	<input checked="" type="checkbox"/>	
Objectionable odor	0	20	80	<input checked="" type="checkbox"/>	
Total		100			
Aquatic Habitat	2	5	35	<input checked="" type="checkbox"/>	
Aquatic habitat for fish and other organisms	5	50	100	<input checked="" type="checkbox"/>	
Elevated water temperature	0	50	95	<input checked="" type="checkbox"/>	
Total		100			
Concentrated Erosion	0	10	35	<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	2	5	35	<input checked="" type="checkbox"/>	
Plant productivity and health	5	50	95	<input checked="" type="checkbox"/>	
Plant structure and composition	5	50	95	<input checked="" type="checkbox"/>	
Total		100			

Field Sediment, Nutrient, and Pathogen Loss	2	5	35	<input checked="" type="checkbox"/>
Nutrients transported to groundwater	5	20	80	<input checked="" type="checkbox"/>
Nutrients transported to surface water	5	20	80	<input checked="" type="checkbox"/>
Pathogens and chemicals from manure, biosolids, or compost applications transported to groundwater	5	20	80	<input checked="" type="checkbox"/>
Pathogens and chemicals from manure, biosolids, or compost applications transported to surface water	5	20	80	<input checked="" type="checkbox"/>
Sediment transported to surface water	5	20	80	<input checked="" type="checkbox"/>
Total		100		
Field Pesticide Loss	2	5	35	<input checked="" type="checkbox"/>
Pesticides transported to groundwater	5	50	95	<input checked="" type="checkbox"/>
Pesticides transported to surface water	5	50	95	<input checked="" type="checkbox"/>
Total		105		
Fire Management	0	5	35	<input checked="" type="checkbox"/>
Wildfire hazard from biomass accumulation	0	100	100	<input checked="" type="checkbox"/>
Total		100		
Inefficient Energy Use	2	5	35	<input checked="" type="checkbox"/>
Energy efficient equipment and facilities	5	50	95	<input checked="" type="checkbox"/>
Energy efficient farming/ranching practices and field operations	5	50	95	<input checked="" type="checkbox"/>
Total		100		
Livestock Production Limitation	0	5	35	<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	2	5	35	<input checked="" type="checkbox"/>
Plant pest pressure	100	100	100	<input checked="" type="checkbox"/>
Total		100		
Salt Losses to Water	0	5	35	<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	2	5	35	<input checked="" type="checkbox"/>
Aggregate instability	5	15	85	<input checked="" type="checkbox"/>
Compaction	5	20	85	<input checked="" type="checkbox"/>
Concentration of salts or other chemicals	0	15	80	<input checked="" type="checkbox"/>
Organic matter depletion	5	20	85	<input checked="" type="checkbox"/>
Soil organism habitat loss or degradation	5	20	85	<input checked="" type="checkbox"/>
Subsidence	0	10	80	<input checked="" type="checkbox"/>
Total		100		

Source Water Depletion	2	10	35	<input checked="" type="checkbox"/>	
Groundwater depletion	5	35	90	<input checked="" type="checkbox"/>	
Inefficient irrigation water use	5	35	90	<input checked="" type="checkbox"/>	
Surface water depletion	5	30	90	<input checked="" type="checkbox"/>	
Total		100			
Storage and Handling of Pollutants	2	5	35	<input checked="" type="checkbox"/>	
Nutrients transported to groundwater	5	20	80	<input checked="" type="checkbox"/>	
Nutrients transported to surface water	5	20	80	<input checked="" type="checkbox"/>	
Pesticides transported to surface water	5	20	80		
Petroleum, heavy metals, and other pollutants transported to groundwater	5	20	80	<input checked="" type="checkbox"/>	
Petroleum, heavy metals, and other pollutants transported to surface water	5	20	80	<input checked="" type="checkbox"/>	
Total		100			
Terrestrial Habitat	2	5	35	<input checked="" type="checkbox"/>	
Terrestrial habitat for wildlife and invertebrates	100	100	100	<input checked="" type="checkbox"/>	
Total		100			
Weather Resilience	2	5	35	<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	2	10	35	<input checked="" type="checkbox"/>	
Sheet and rill erosion	5	50	100	<input checked="" type="checkbox"/>	
Wind erosion	0	50	95	<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	all conservation practices				
Vegetative	all conservation practices				
Management	all conservation practices and CAPS				

Enhancements	NA
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Easement Practices	NA
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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	

PREPARED BY:	Eric McTaggart, Mike Whitt, Ronnie Maurer, Danielle Balduff
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APPROVED BY:	Approved during DCP meeting on 11-25-2019
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Practice Code	Practice Name
310	Bedding
311	Alley Cropping
313	Waste Storage Facility
314	Brush Management
316	Animal Mortality Facility
317	Composting Facility
320	Irrigation Canal or Lateral
324	Deep Tillage
326	Clearing and Snagging
327	Conservation Cover
328	Conservation Crop Rotation
330	Contour Farming
331	Contour Orchard and Other Perennial Crops
332	Contour Buffer Strips
338	Prescribed Burning
340	Cover Crop
342	Critical Area Planting
348	Dam, Diversion
350	Sediment Basin
351	Well Decommissioning
356	Dike
359	Waste Treatment Lagoon
360	Waste Facility Closure
362	Diversion
378	Pond
380	Windbreak/Shelterbelt Establishment
382	Fence
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
402	Dam
410	Grade Stabilization Structure
412	Grassed Waterway
422	Hedgerow Planting
423	Hillside Ditch
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
430AA	Irrigation Water Conveyance, Pipeline, Aluminum Tubing
430BB	Irrigation Water Conveyance, Pipeline, Asbestos-Cement
430CC	Irrigation Water Conveyance, Pipeline, Nonreinforced Concrete
430DD	Irrigation Water Conveyance, Pipeline, High-Pressure, Underground, Plastic
430EE	Irrigation Water Conveyance, Pipeline, Low-Pressure, Underground, Plastic
430FF	Irrigation Water Conveyance, Pipeline, Steel
430GG	Irrigation Water Conveyance, Pipeline, Reinforced Plastic Mortar
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
500	Obstruction Removal
511	Forage Harvest Management
512	Forage and Biomass Planting
516	Livestock Pipeline
521A	Pond Sealing or Lining, Flexible Membrane
521B	Pond Sealing or Lining, Soil Dispersant
521C	Pond Sealing or Lining, Bentonite Sealant
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
580	Streambank and Shoreline Protection
582	Open Channel
584	584 - Channel Bed Stabilization
585	Stripcropping
587	Structure for Water Control
589C	Cross Wind Trap Strips
590	Nutrient Management
592	Feed Management
595	Integrated Pest Management
600	Terrace
601	Vegetative Barrier
603	Herbaceous Wind Barriers
606	Subsurface Drain
607	Surface Drain, Field Ditch
608	Surface Drain, Main or Lateral
609	Surface Roughening
612	Tree/Shrub Establishment
614	Watering Facility
620	Underground Outlet
630	Vertical Drain
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	646 - Shallow Water Development and Management
647	Early Successional Habitat Development/Management
650	Windbreak/Shelterbelt Renovation
655	Forest Trails and Landings
656	Constructed Wetland
657	Wetland Restoration

658	Wetland Creation
659	Wetland Enhancement
600	Tree/Shrub Pruning
666	Forest Stand Improvement
353	Monitoring Well
366	Anaerobic Digester
367	Roofs and Covers
749	Waste Field Storage Area
753	Infiltration Ditches
755	Well Plugging
528	Prescribed Grazing
578	Stream Crossing
910	TA Planning
911	TA Design
912	TA Application
913	TA Check-Out
383	Fuel Break
591	Amendments for the Treatment of Agricultural Waste
737	Reduced Water and Energy Coffee Conveyance System
521D	Pond Sealing or Lining, Compacted Clay Treatment
381	Silvopasture Establishment
355	Groundwater Testing
736	Crop By-Product Transfer
384	Woody Residue Treatment
632	Waste Separation Facility
629	Waste Treatment
610	Salinity and Sodic Soil Management
740	Pond Sealing and Lining, Soil Cement
329	Residue and Tillage Management, No-Till
345	Residue and Tillage Management, Reduced Till
379	Multi-Story Cropping
751	Individual Terrace
527	Karst Sinkhole Treatment
309	Agrichemical Handling Facility
588	Crosswind Ridges
654	Road/Trail/Landing Closure & Treatment
102	Comprehensive Nutrient Management Plan - Written
106	Forest Management Plan - Written
110	Grazing Management Plan - Written
114	Integrated Pest Management Plan - Written
118	Irrigation Water Management Plan - Written
116	Soil Health Management Plan - Written
130	Drainage Water Management Plan - Written
134	Conservation Plan Supporting Transition from Irrigation to Dry-land Plan - Written
138	Conservation Plan Supporting Organic Transition - Written
142	Fish and Wildlife Habitat Plan - Written

146	Pollinator Habitat Plan - Written
428	Irrigation Ditch Lining
430	Irrigation Pipeline
735	Waste Gassification Facility
770	Livestock Confinement Facility
775	Drainage Ditch Covering
781	Phosphorous Removal System
796	Milking Center Wastewater Treatment
772	ORGANIC SORBENTS FOR THE REMEDIATION OF OIL-CONTAMINATED SOILS
371	Air Filtration and Scrubbing
372	Combustion System Improvement
373	Dust Control on Unpaved Roads and Surfaces
315	Herbaceous Weed Treatment
375	DUST CONTROL FROM ANIMAL ACTIVITY ON OPEN LOT SURFACES
374	FARMSTEAD ENERGY IMPROVEMENT
104	Nutrient Management Plan - Written
136	Agricultural Energy Design Plan - Written
154	IPM Herbicide Resistance Weed Conservation Plan - Written
400	Bivalve Aquaculture Gear and Biofouling Control
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation
202	Edge-of-Field Water Quality Monitoring-System Installation
670	Lighting System Improvement
672	Building Envelope Improvement
108	Feed Management Plan - Written
112	Prescribed Burning Plan - Written
576	Livestock Shelter Structure
724	Water Treatment Facility
800	Controlling Existing Flowing Wells
128	Agricultural Energy Management Plan - Written
319	On-Farm Secondary Containment Facility
318	Short Term Storage of Animal Waste and Byproducts
649	Structures for Wildlife
297	Feral Swine Management Conservation Activity - Interim
325	High Tunnel System
368	Emergency Animal Mortality Management
605	Denitifying Bioreactor
333	Amending Soil Properties with Gypsum Products
334	Controlled Traffic Farming
376	Field Operations Emissions Reduction
520	Pond Sealing or Lining, Compacted Soil Treatment
522	Pond Sealing or Lining - Concrete
604	Saturated Buffer
602	Equitable Relief
803	Water Well Disinfection

420	Wildlife Habitat Planting
521	Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner
810	Test Interim
307	Test Urban Practice