

NATIONAL RANKING TEMPLATE

TEMPLATE NAME

AMA National Ranking Template - Amended Nov 2021

PROGRAM

Agricultural Management Assistance Program

LAND USES

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

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

RESOURCE CONCERN CATEGORIES

	Min%	Default	Max%	Included
Air Quality emissions	0	5	35	<input checked="" type="checkbox"/>
Emmissions of airborne reactive nitrogen	0	20	100	<input checked="" type="checkbox"/>
Emmissions of greenhouse gases - GHGs	0	20	100	<input checked="" type="checkbox"/>
Emmissions of ozone precursors	0	20	100	<input checked="" type="checkbox"/>
Emmissions 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	35	<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	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	0	5	35	<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 Pesticide Loss	0	5	35	<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		
Field Sediment, Nutrient, and Pathogen Loss	0	5	35	<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		
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	0	5	35	<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	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"/>
distribution	0	35	100	<input checked="" type="checkbox"/>
Total		100		
Long-term Protection of Land	0	0	0	<input type="checkbox"/>
Loss of functions and values				<input type="checkbox"/>
Threat of Conversion				<input type="checkbox"/>
Total		0		<input type="checkbox"/>
Pest Pressure	0	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	0	5	35	<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	35	<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	35	<input checked="" type="checkbox"/>
Nutrients transported to groundwater	0	25	100	<input checked="" type="checkbox"/>
Nutrients transported to surface water	0	25	100	<input checked="" type="checkbox"/>
Petroleum, heavy metals, and other pollutants transported to groundwater	0	25	100	<input checked="" type="checkbox"/>
Petroleum, heavy metals, and other pollutants transported to surface water	0	25	100	<input checked="" type="checkbox"/>
Total		100		
Terrestrial Habitat	0	5	35	<input checked="" type="checkbox"/>
Terrestrial habitat for wildlife and invertebrates	100	100	100	<input checked="" type="checkbox"/>
Total		100		

Weather Resilience	0	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	0	10	35	<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													
Resource Concern Categories Total		100													
Conservation Activities	CART Practices														
Practices	See attached practice and activity list.														
RANKING COMPONENT WEIGHTS	Min%	Default	Max%	Max Point	Ranking Algorithm Adjustments										
					Default	A	B	C	D	E	F	G	H	I	
Vulnerabilities	10	20	40		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
Planned Practice Points	15	15	15		<input type="checkbox"/>			<input type="checkbox"/>	<input checked="" type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	
Resource Priorities	20	50	60		<input checked="" type="checkbox"/>										
Program Priorities	5	5	15		<input checked="" type="checkbox"/>										
Efficiency	10	10	10		<input checked="" type="checkbox"/>						<input type="checkbox"/>				
Total		100													
PREPARED BY:	Kelly German														
APPROVED BY:															

Practice Code	Practice Name	Include
101	CNMP Design and Implementation Activity	X
102	Comprehensive Nutrient Management Plan	X
106	Forest Management Plan	X
116	Soil Health Management Plan	X
120	Agricultural Energy Design	X
138	Conservation Plan Supporting Organic Transition	X
140	Transition to Organic Design and Implementation Activity	X
144	Fish and Wildlife Habitat Design and Implementation Activity	X
148	Pollinator Habitat Design and Implementation Activity	X
157	Nutrient Management Design and Implementation Activity	X
158	Feed Management Design and Implementation Activity	X
159	Grazing Management Design and Implementation Activity	X
160	Prescribed Burning Design and Implementation Activity	X
161	Pest Management Conservation System Design and Implementation Activity	X
162	Soil Health Management Design and Implementation Activity	X
163	Irrigation Water Management Design	X
164	Drainage Water Management Design	X
165	Forest Management Design and Implementation Activity	X
199	Conservation Plan	X
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	X
202	Edge-of-Field Water Quality Monitoring-System Installation	X
207	Site Assessment and Soil Testing for Contaminants Activity	X
216	Soil Health Testing	X
217	Soil and Source Testing for Nutrient Management	X
218	Carbon Sequestration and Greenhouse Gas Mitigation Assessment	X
228	Agricultural Energy Assessment	X
297	Feral Swine Management Conservation Activity - Interim	X
309	Agrichemical Handling Facility	X
311	Alley Cropping	X
313	Waste Storage Facility	X
314	Brush Management	X
315	Herbaceous Weed Treatment	X
316	Animal Mortality Facility	X
317	Composting Facility	X
318	Short Term Storage of Animal Waste and By-Products	X
319	On-Farm Secondary Containment Facility	X
320	Irrigation Canal or Lateral	X
324	Deep Tillage	X
325	High Tunnel System	X
326	Clearing and Snagging	X
327	Conservation Cover	X
328	Conservation Crop Rotation	X
329	Residue and Tillage Management, No Till	X
330	Contour Farming	X
331	Contour Orchard and Other Perennial Crops	X
332	Contour Buffer Strips	X

333	Amending Soil Properties with Gypsum Products	X
334	Controlled Traffic Farming	X
338	Prescribed Burning	X
340	Cover Crop	X
342	Critical Area Planting	X
345	Residue and Tillage Management, Reduced Till	X
348	Dam, Diversion	X
350	Sediment Basin	X
351	Well Decommissioning	X
353	Monitoring Well	X
355	Groundwater Testing	X
356	Dike	X
359	Waste Treatment Lagoon	X
360	Waste Facility Closure	X
362	Diversion	X
366	Anaerobic Digester	X
367	Roofs and Covers	X
368	Emergency Animal Mortality Management	X
371	Air Filtration and Scrubbing	X
372	Combustion System Improvement	X
373	Dust Control on Unpaved Roads and Surfaces	X
374	Energy Efficient Agricultural Operation	X
375	Dust Management for Pen Surfaces	X
376	Field Operations Emissions Reduction	X
378	Pond	X
379	Multi-Story Cropping	X
380	Windbreak/Shelterbelt Establishment and Renovation	X
381	Silvopasture	X
382	Fence	X
383	Fuel Break	X
384	Woody Residue Treatment	X
386	Field Border	X
388	Irrigation Field Ditch	X
390	Riparian Herbaceous Cover	X
391	Riparian Forest Buffer	X
393	Filter Strip	X
394	Firebreak	X
395	Stream Habitat Improvement and Management	X
396	Aquatic Organism Passage	X
397	Aquaculture Pond	X
398	Fish Raceway or Tank	X
399	Fishpond Management	X
400	Bivalve Aquaculture Gear and Biofouling Control	X
402	Dam	X
410	Grade Stabilization Structure	X
412	Grassed Waterway	X
420	Wildlife Habitat Planting	X

422	Hedgerow Planting	X
423	Hillside Ditch	X
428	Irrigation Ditch Lining	X
430	Irrigation Pipeline	X
432	Dry Hydrant	X
436	Irrigation Reservoir	X
441	Irrigation System, Microirrigation	X
442	Sprinkler System	X
443	Irrigation System, Surface and Subsurface	X
447	Irrigation and Drainage Tailwater Recovery	X
449	Irrigation Water Management	X
450	Anionic Polyacrylamide (PAM) Application	X
453	Land Reclamation, Landslide Treatment	X
455	Land Reclamation, Toxic Discharge Control	X
457	Mine Shaft and Adit Closing	X
460	Land Clearing	X
462	Precision Land Forming and Smoothing	X
464	Irrigation Land Leveling	X
466	Land Smoothing	X
468	Lined Waterway or Outlet	X
472	Access Control	X
484	Mulching	X
490	Tree/Shrub Site Preparation	X
500	Obstruction Removal	X
511	Forage Harvest Management	X
512	Pasture and Hay Planting	X
516	Livestock Pipeline	X
520	Pond Sealing or Lining, Compacted Soil Treatment	X
521	Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	X
522	Pond Sealing or Lining - Concrete	X
527	Sinkhole Treatment	X
528	Prescribed Grazing	X
533	Pumping Plant	X
543	Land Reclamation, Abandoned Mined Land	X
544	Land Reclamation, Currently Mined Land	X
548	Grazing Land Mechanical Treatment	X
550	Range Planting	X
554	Drainage Water Management	X
555	Rock Wall Terrace	X
557	Row Arrangement	X
558	Roof Runoff Structure	X
560	Access Road	X
561	Heavy Use Area Protection	X
562	Recreation Area Improvement	X
566	Recreation Land Improvement and Protection	X
570	Stormwater Runoff Control	X
572	Spoil Disposal	X

574	Spring Development	X
575	Trails and Walkways	X
576	Livestock Shelter Structure	X
578	Stream Crossing	X
580	Streambank and Shoreline Protection	X
582	Open Channel	X
584	Channel Bed Stabilization	X
585	Stripcropping	X
587	Structure for Water Control	X
588	Crosswind Ridges	X
589	Cross Wind Trap Strips	X
590	Nutrient Management	X
591	Amendments for Treatment of Agricultural Waste	X
592	Feed Management	X
595	Pest Management Conservation System	X
600	Terrace	X
601	Vegetative Barrier	X
602	Equitable Relief	X
603	Herbaceous Wind Barriers	X
604	Saturated Buffer	X
605	Denitrifying Bioreactor	X
606	Subsurface Drain	X
607	Surface Drain, Field Ditch	X
608	Surface Drain, Main or Lateral	X
609	Surface Roughening	X
610	Salinity and Sodic Soil Management	X
612	Tree/Shrub Establishment	X
614	Watering Facility	X
620	Underground Outlet	X
627	Milk House Wastewater Treatment System	X
629	Waste Treatment	X
630	Vertical Drain	X
632	Waste Separation Facility	X
633	Waste Recycling	X
634	Waste Transfer	X
635	Vegetated Treatment Area	X
636	Water Harvesting Catchment	X
638	Water and Sediment Control Basin	X
640	Waterspreading	X
642	Water Well	X
643	Restoration of Rare or Declining Natural Communities	X
644	Wetland Wildlife Habitat Management	X
645	Upland Wildlife Habitat Management	X
646	Shallow Water Development and Management	X
647	Early Successional Habitat Development-Mgt	X
649	Structures for Wildlife	X
650	Windbreak/Shelterbelt Renovation	X

654	Road/Trail/Landing Closure and Treatment	X
655	Forest Trails and Landings	X
656	Constructed Wetland	X
657	Wetland Restoration	X
658	Wetland Creation	X
659	Wetland Enhancement	X
660	Tree/Shrub Pruning	X
666	Forest Stand Improvement	X
670	Energy Efficient Lighting System	X
672	Energy Efficient Building Envelope	X
724	Water Treatment Facility	X
735	Waste Gasification Facility	X
736	Crop By-Product Transfer	X
737	Reduced Water and Energy Coffee Conveyance System	X
740	Pond Sealing and Lining, Soil Cement	X
751	Individual Terrace	X
753	Infiltration Ditch	X
755	Well Plugging	X
770	Livestock Confinement Facility	X
775	Drainage Ditch Covering	X
782	Phosphorous Removal System	X
800	Controlling Existing Flowing Wells	X
803	Water Well Disinfection	X
807	Site Assessment and Soil Testing for Contaminants	X
810	Annual Forages for Grazing Systems	X
812	Managing Above Ground Crop Systems For Urban Ag	X
910	TA Planning	X
911	TA Design	X
912	TA Application	X
913	TA Check-Out	X
428A	Irrigation Water Conveyance, Ditch and Canal Lining, Plain Concrete	X
428B	Irrigation Water Conveyance, Ditch and Canal Lining, Flexible Membrane	X
428C	Irrigation Water Conveyance, Ditch and Canal Lining, Galvanized Steel	X
521A	Pond Sealing or Lining, Flexible Membrane	X
521B	Pond Sealing or Lining, Soil Dispersant	X
521C	Pond Sealing or Lining, Bentonite Sealant	X
521D	Pond Sealing or Lining, Compacted Clay Treatment	X