

NATIONAL RANKING TEMPLATE

TEMPLATE NAME

MRBI

PROGRAM

CSP

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"/>
Forest	<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"/>
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"/>
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"/>
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"/>
Developed Land	<input type="checkbox"/>			Wildlife	<input type="checkbox"/>	Irrigated	<input type="checkbox"/>					Organic	<input type="checkbox"/>	Water Feature	<input type="checkbox"/>	Protected	<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"/>
Other Rural Land	<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"/>
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"/>

RESOURCE CONCERN CATEGORIES

	Min%	Default	Max%	Included
Air Quality emissions	0	0	0	<input type="checkbox"/>
Emmissions of airborne reactive nitrogen				<input type="checkbox"/>
Emmissions of greenhouse gases - GHGs				<input type="checkbox"/>
Emmissions of ozone precursors				<input type="checkbox"/>
Emmissions of particulate matter (PM) and PM precursors				<input type="checkbox"/>
Objectionable odor				<input type="checkbox"/>
Total		0		
Aquatic Habitat	0	5	10	<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	10	15	40	<input checked="" type="checkbox"/>
Bank erosion from streams, shorelines, or water conveyances channels	20	40	60	<input checked="" type="checkbox"/>
Classic gully erosion	20	30	60	<input checked="" type="checkbox"/>
Ephemeral gully erosion	20	30	60	<input checked="" type="checkbox"/>
Total		100		
Degraded Plant Condition	0	0	0	<input type="checkbox"/>
Plant productivity and health				<input type="checkbox"/>
Plant structure and composition				<input type="checkbox"/>
Total		0		
Field Pesticide Loss	5	5	15	<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		100		
Field Sediment, Nutrient, and Pathogen Loss	20	25	65	<input checked="" type="checkbox"/>
Nutrients transported to groundwater	10	20	60	<input checked="" type="checkbox"/>
Nutrients transported to surface water	10	20	60	<input checked="" type="checkbox"/>
Pathogens and chemicals from manure, biosolids, or compost applications transported to groundwater	10	20	60	<input checked="" type="checkbox"/>
Pathogens and chemicals from manure, biosolids, or compost applications transported to surface water	10	20	60	<input checked="" type="checkbox"/>
Sediment transported to surface water	10	20	60	<input checked="" type="checkbox"/>
Total		100		
Fire Management	0	0	0	<input type="checkbox"/>
Wildfire hazard from biomass accumulation				<input type="checkbox"/>
Total		0		
Inefficient Energy Use	0	0	0	<input type="checkbox"/>
Energy efficient equipment and facilities				<input type="checkbox"/>
Energy efficient farming/ranching practices and field operations				<input type="checkbox"/>
Total		0		
Livestock Production Limitation	0	0	0	<input type="checkbox"/>
Feed and forage balance				<input type="checkbox"/>
Inadequate livestock shelter				<input type="checkbox"/>
distribution				<input type="checkbox"/>
Total		0		
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	0	0	<input type="checkbox"/>
Plant pest pressure				<input type="checkbox"/>
Total		0		
Salt Losses to Water	0	5	10	<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	10	<input checked="" type="checkbox"/>
Aggregate instability	0	20	100	<input checked="" type="checkbox"/>
Compaction	0	20	100	<input checked="" type="checkbox"/>
Concentration of salts or other chemicals	0	20	100	<input checked="" type="checkbox"/>
Organic matter depletion	0	20	100	<input checked="" type="checkbox"/>
Soil organism habitat loss or degradation	0	5	15	<input checked="" type="checkbox"/>
Subsidence	0	15	100	<input checked="" type="checkbox"/>
Total		100		
Source Water Depletion	0	5	5	<input checked="" type="checkbox"/>
Groundwater depletion	0	10	10	<input checked="" type="checkbox"/>
Inefficient irrigation water use	5	80	100	<input checked="" type="checkbox"/>
Surface water depletion	0	10	10	<input checked="" type="checkbox"/>

Total		100		
Storage and Handling of Pollutants	10	20	50	<input checked="" type="checkbox"/>
Nutrients transported to groundwater	10	30	70	<input checked="" type="checkbox"/>
Nutrients transported to surface water	10	30	70	<input checked="" type="checkbox"/>
Petroleum, heavy metals, and other pollutants transported to groundwater	10	20	70	<input checked="" type="checkbox"/>
Petroleum, heavy metals, and other pollutants transported to surface water	10	20	70	<input checked="" type="checkbox"/>
Total		100		
Terrestrial Habitat	0	0	0	<input type="checkbox"/>
Terrestrial habitat for wildlife and invertebrates				<input type="checkbox"/>
Total		0		
Weather Resilience	0	0	0	<input type="checkbox"/>
Drifted snow				<input type="checkbox"/>
Naturally available moisture use				<input type="checkbox"/>
Ponding and flooding				<input type="checkbox"/>
Seasonal high water table				<input type="checkbox"/>
Seeps				<input type="checkbox"/>
Total		0		
Wind and Water Erosion	5	15	20	<input checked="" type="checkbox"/>
Sheet and rill erosion	10	80	100	<input checked="" type="checkbox"/>
Wind erosion	0	20	90	<input checked="" type="checkbox"/>
Total		100		
Resource Concern Categories Total		100		

Conservation Activities	CART Practices
Practices	See shaded practices on CPS tab - Refer to MRBI National Instruction 440-307.27 for additional guidance. Some practices may be checked, but not available for use in CSP. Do not include any practices not allowed in CSP - refer to current FY guidance.

RANKING COMPONENT WEIGHTS	Min%	Default	Max%	Max Point	Ranking Algorithm Adjustments										
					Default	A	B	C	D	E	F	G	H	I	
Vulnerabilities	15	20	40		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>								
Planned Practice Points	10	15	15		<input type="checkbox"/>			<input checked="" type="checkbox"/>	<input 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													

Practice Type	Practice Code	Practice Name
Conservation Practice	311	Alley Cropping
Conservation Practice	313	Waste Storage Facility
Conservation Practice	314	Brush Management
Conservation Practice	315	Herbaceous Weed Treatment
Conservation Practice	319	On-Farm Secondary Containment Facility
Conservation Practice	324	Deep Tillage
Conservation Practice	327	Conservation Cover
Conservation Practice	328	Conservation Crop Rotation
Conservation Practice	329	Residue and Tillage Management, No-Till
Conservation Practice	333	Amending Soil Properties with Gypsum Products
Conservation Practice	338	Prescribed Burning
Conservation Practice	340	Cover Crop
Conservation Practice	342	Critical Area Planting
Conservation Practice	345	Residue and Tillage Management, Reduced Till
Conservation Practice	348	Dam, Diversion
Conservation Practice	378	Pond
Conservation Practice	380	Windbreak/Shelterbelt Establishment
Conservation Practice	381	Silvopasture Establishment
Conservation Practice	382	Fence
Conservation Practice	386	Field Border
Conservation Practice	390	Riparian Herbaceous Cover
Conservation Practice	391	Riparian Forest Buffer
Conservation Practice	393	Filter Strip
Conservation Practice	394	Firebreak
Conservation Practice	395	Stream Habitat Improvement and Management
Conservation Practice	396	Aquatic Organism Passage
Conservation Practice	410	Grade Stabilization Structure
Conservation Practice	412	Grassed Waterway
Conservation Practice	420	Wildlife Habitat Planting
Conservation Practice	422	Hedgerow Planting
Conservation Practice	441	Irrigation System, Microirrigation
Conservation Practice	442	Sprinkler System
Conservation Practice	443	Irrigation System, Surface and Subsurface
Conservation Practice	447	Irrigation System, Tailwater Recovery
Conservation Practice	449	Irrigation Water Management
Conservation Practice	450	Anionic Polyacrylamide (PAM) Application
Conservation Practice	462	Precision Land Forming
Conservation Practice	464	Irrigation Land Leveling
Conservation Practice	466	Land Smoothing
Conservation Practice	472	Access Control
Conservation Practice	484	Mulching
Conservation Practice	490	Tree/Shrub Site Preparation
Conservation Practice	511	Forage Harvest Management
Conservation Practice	512	Forage and Biomass Planting
Conservation Practice	516	Livestock Pipeline
Conservation Practice	528	Prescribed Grazing
Conservation Practice	533	Pumping Plant
Conservation Practice	550	Range Planting

Practice Type	Practice Code	Practice Name
Conservation Practice	554	Drainage Water Management
Conservation Practice	557	Row Arrangement
Conservation Practice	558	Roof Runoff Structure
Conservation Practice	561	Heavy Use Area Protection
Conservation Practice	570	Stormwater Runoff Control
Conservation Practice	574	Spring Development
Conservation Practice	578	Stream Crossing
Conservation Practice	580	Streambank and Shoreline Protection
Conservation Practice	587	Structure for Water Control
Conservation Practice	590	Nutrient Management
Conservation Practice	595	Integrated Pest Management
Conservation Practice	604	Saturated Buffer
Conservation Practice	605	Denitrifying Bioreactor
Conservation Practice	606	Subsurface Drain
Conservation Practice	612	Tree/Shrub Establishment
Conservation Practice	614	Watering Facility
Conservation Practice	620	Underground Outlet
Conservation Practice	643	Restoration of Rare or Declining Natural Communities
Conservation Practice	644	Wetland Wildlife Habitat Management
Conservation Practice	650	Windbreak/Shelterbelt Renovation
Conservation Practice	654	Road/Trail/Landing Closure & Treatment
Conservation Practice	782	Phosphorous Removal System
Conservation Practice	810	Annual Forages for Grazing System
Conservation Practice	910	TA Planning
Conservation Practice	911	TA Design
Conservation Practice	912	TA Application
Conservation Practice	913	TA Check-Out
CStwP Practice	B000CPL10	YEAR 1 Irrigated Cropland (MRBI/Ogallala)
CStwP Practice	B000CPL11	YEAR 2+ Irrigated Cropland (MRBI/Ogallala)
CStwP Practice	B000CPL12	Non-Irrigated Precision Ag (MRBI)
CStwP Practice	B000CPL13	Non-Irrigated Cropland (MRBI)
CStwP Practice	B000CPL14	YEAR 1 Irrigated Precision Ag Cropland (MRBI)
CStwP Practice	B000CPL15	YEAR 2+ Irrigated Precision Ag Cropland (MRBI)
CStwP Practice	B000CPL16	Non-Irrigated Cropland with Water Bodies (MRBI)
CStwP Practice	B000CPL17	Non-Irrigated Cropland with Water Bodies Riparian Forest Buffer (MRBI)
CStwP Practice	B000GRZ3	Grazing Bundle 3 - Range and Pasture
CStwP Practice	B000GRZ4	Grazing Bundle 4 - Range and Pasture
CStwP Practice	E300EAP1	Existing Activity Payment-Land Use
CStwP Practice	E300EAP2	Existing Activity Payment-Resource Concern
CStwP Practice	E314A	Brush management to improve wildlife habitat
CStwP Practice	E328A	Resource conserving crop rotation
CStwP Practice	E328B	Improved resource conserving crop rotation
CStwP Practice	E328C	Conservation crop rotation on recently converted CRP grass/legume cover
CStwP Practice	E328E	Soil health crop rotation
CStwP Practice	E328F	Modifications to improve soil health and increase soil organic matter
CStwP Practice	E328G	Crop rotation on recently converted CRP grass/legume cover for soil organic matter improvement
CStwP Practice	E328H	Conservation crop rotation to reduce the concentration of salts

Practice Type	Practice Code	Practice Name
CStwP Practice	E328I	Forage harvest to reduce water quality impacts by utilization of excess soil nutrients
CStwP Practice	E329A	No till to reduce soil erosion
CStwP Practice	E329D	No till system to increase soil health and soil organic matter content
CStwP Practice	E340A	Cover crop to reduce soil erosion
CStwP Practice	E340B	Intensive cover cropping to increase soil health and soil organic matter content
CStwP Practice	E340C	Use of multi-species cover crops to improve soil health and increase soil organic matter
CStwP Practice	E340D	Intensive orchard/vineyard floor cover cropping to increase soil health
CStwP Practice	E340E	Use of soil health assessment to assist with development of cover crop mix to improve soil health
CStwP Practice	E340F	Cover crop to minimize soil compaction
CStwP Practice	E340G	Cover crop to reduce water quality degradation by utilizing excess soil nutrients
CStwP Practice	E340H	Cover crop to suppress excessive weed pressures and break pest cycles
CStwP Practice	E340I	Using cover crops for biological strip till
CStwP Practice	E345A	Reduced tillage to reduce soil erosion
CStwP Practice	E345D	Reduced tillage to increase soil health and soil organic matter content
CStwP Practice	E381A	Silvopasture to improve wildlife habitat
CStwP Practice	E386A	Enhanced field borders to reduce soil erosion along the edge(s) of a field
CStwP Practice	E390A	Increase riparian herbaceous cover width for sediment and nutrient reduction
CStwP Practice	E390B	Increase riparian herbaceous cover width to enhance wildlife habitat
CStwP Practice	E391A	Increase riparian forest buffer width for sediment and nutrient reduction
CStwP Practice	E391B	Increase stream shading for stream temperature reduction
CStwP Practice	E391C	Increase riparian forest buffer width to enhance wildlife habitat
CStwP Practice	E393A	Extend existing filter strip to reduce water quality impacts
CStwP Practice	E412A	Enhance a grassed waterway
CStwP Practice	E447A	Advanced Tailwater Recovery
CStwP Practice	E449B	Alternated Wetting and Drying (AWD) of rice fields
CStwP Practice	E449C	Advanced Automated IWM – Year 2-5, soil moisture monitoring
CStwP Practice	E449D	Advanced Automated IWM – Year 1, Equipment and soil moisture or water level monitoring
CStwP Practice	E449E	Convert from Cascade to Furrow Irrigated Rice Production – reduce irrigation water consumption
CStwP Practice	E449F	Intermediate IWM— Year 1, Equipment with Soil or Water Level monitoring
CStwP Practice	E449G	Intermediate IWM— Years 2-5, Soil or Water Level monitoring
CStwP Practice	E449H	Intermediate IWM— Years 2 -5, using soil moisture or water level monitoring
CStwP Practice	E472A	Manage livestock access to streams, ditches, and other waterbodies to reduce nutrients and pathogens to surface water
CStwP Practice	E484A	Mulching to improve soil health
CStwP Practice	E484C	Mulching with natural materials in specialty crops for weed control
CStwP Practice	E512A	Cropland conversion to grass-based agriculture to reduce soil erosion
CStwP Practice	E512B	Forage and biomass planting to reduce soil erosion or increase organic matter to build soil health
CStwP Practice	E512C	Cropland conversion to grass for soil organic matter improvement
CStwP Practice	E512D	Forage plantings that help increase organic matter in depleted soils
CStwP Practice	E528A	Maintaining quantity and quality of forage for animal health and productivity
CStwP Practice	E528F	Stockpiling cool season forage to improve structure and composition or plant productivity and health

Practice Type	Practice Code	Practice Name
CStwP Practice	E528G	Improved grazing management on pasture for plant productivity and health with monitoring activities
CStwP Practice	E528H	Prescribed grazing to improve/maintain riparian and watershed function-elevated water temperature
CStwP Practice	E528I	Grazing management that protects sensitive areas -surface or ground water from nutrients
CStwP Practice	E528J	Prescribed grazing on pastureland that improves riparian and watershed function.
CStwP Practice	E528K	Improved grazing management for soil compaction on pasture through monitoring activities
CStwP Practice	E528L	Prescribed grazing that improves or maintains riparian and watershed function-erosion
CStwP Practice	E528M	Grazing management that protects sensitive areas from gully erosion
CStwP Practice	E528N	Improved grazing management through monitoring activities
CStwP Practice	E528O	Clipping mature forages to set back vegetative growth for improved forage quality
CStwP Practice	E528P	Implementing Bale or Swath Grazing to increase organic matter and reduce nutrients in surface water.
CStwP Practice	E528R	Management Intensive Rotational Grazing
CStwP Practice	E533A	Advanced Pumping Plant Automation
CStwP Practice	E550A	Range planting for increasing/maintaining organic matter
CStwP Practice	E578A	Stream crossing elimination
CStwP Practice	E580A	Stream corridor bank stability improvement
CStwP Practice	E580B	Stream corridor bank vegetation improvement
CStwP Practice	E590A	Improving nutrient uptake efficiency and reducing risk of nutrient losses
CStwP Practice	E590B	Reduce risks of nutrient loss to surface water by utilizing precision agriculture technologies
CStwP Practice	E590C	Improving nutrient uptake efficiency and reducing risk of nutrient losses on pasture
CStwP Practice	E595A	Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques
CStwP Practice	E595B	Reduce risk of pesticides in water and air by utilizing IPM PAMS techniques
CStwP Practice	E595C	Reducing routine neonicotinoid seed treatments on corn and soybean crops
CStwP Practice	E595E	Eliminate use of chemical treatments to control pests and to increase the presence of dung beetles
CStwP Practice	E612A	Cropland conversion to trees or shrubs for long term improvement of water quality
CStwP Practice	E643A	Restoration of sensitive coastal vegetative communities
CStwP Practice	E646A	Close structures to capture and retain rainfall for waterfowl and wading bird winter habitat
CStwP Practice	E647A	Manipulate vegetation on field with captured rainfall for waterfowl and wading bird winter habitat
CStwP Practice	E647C	Maintain most soil vegetation on cropland edges to enhance waterfowl and shorebird habitat