

National Ranking Template																	
Template Name		Working Lands for Wildlife (WLFW) Sage-Grouse Initiative (SGI) Gunnison Sage-Grouse (GUSG)															
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 type="checkbox"/>			Wildlife	<input type="checkbox"/>							Organic	<input type="checkbox"/>	Water Feature	<input type="checkbox"/>	Protected	<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"/>
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	Notes (Reasons for Inclusions)											
Air Quality emissions		0	0	0	<input type="checkbox"/>												
Emissions of airborne reactive nitrogen					<input type="checkbox"/>												
Emissions of greenhouse gases - GHGs					<input type="checkbox"/>												
Emissions of ozone precursors					<input type="checkbox"/>												
Emissions of particulate matter (PM) and PM precursors					<input type="checkbox"/>												
Objectionable odor					<input type="checkbox"/>												
Total			0														
Aquatic Habitat		0	0	0	<input type="checkbox"/>												
Aquatic habitat for fish and other organisms					<input type="checkbox"/>												
Elevated water temperature					<input type="checkbox"/>												
Total			0														
Concentrated Erosion		0	10	65	<input checked="" type="checkbox"/> 0												
Bank erosion from streams, shorelines, or water conveyances channels		0	40	100	<input checked="" type="checkbox"/>												
Classic gully erosion		0	30	100	<input checked="" type="checkbox"/>												
Ephemeral gully erosion		0	30	100	<input checked="" type="checkbox"/>												
Total			100														
Degraded Plant Condition		10	15	65	<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	0	0	<input type="checkbox"/>												
Pesticides transported to groundwater					<input type="checkbox"/>												
Pesticides transported to surface water					<input type="checkbox"/>												
Total			0														

Field Sediment, Nutrient, and Pathogen Loss	0	0	0	<input type="checkbox"/>	
Nutrients transported to groundwater				<input type="checkbox"/>	
Nutrients transported to surface water				<input type="checkbox"/>	
Pathogens and chemicals from manure, biosolids, or compost applications transported to groundwater				<input type="checkbox"/>	
Pathogens and chemicals from manure, biosolids, or compost applications transported to surface water				<input type="checkbox"/>	
Sediment transported to surface water				<input type="checkbox"/>	
Total		0			
Fire Management	0	10	65	<input checked="" type="checkbox"/>	
Wildfire hazard from biomass accumulation	0	100	100	<input checked="" type="checkbox"/>	
Total		100			
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	20	65	<input checked="" type="checkbox"/>	
Feed and forage balance	0	40	100	<input checked="" type="checkbox"/>	
Inadequate livestock shelter	0	20	100	<input checked="" type="checkbox"/>	
Inadequate livestock water quantity, quality, and distribution	0	40	100	<input checked="" type="checkbox"/>	
Total		100			
Long-term Protection of Land	0	0	0	<input type="checkbox"/>	
Threat of Conversion				<input type="checkbox"/>	
Loss of functions and values				<input type="checkbox"/>	
Total		0			
Pest Pressure	0	10	65	<input checked="" type="checkbox"/>	
Plant pest pressure	0	100	100	<input checked="" type="checkbox"/>	
Total		100			
Salt Losses to Water	0	0	0	<input type="checkbox"/>	
Salt transported to groundwater				<input type="checkbox"/>	
Salt transported to surface water				<input type="checkbox"/>	
Total		0			
Soil Quality Limitations	0	0	0	<input type="checkbox"/>	
Aggregate instability				<input type="checkbox"/>	
Compaction				<input type="checkbox"/>	
Concentration of salts or other chemicals				<input type="checkbox"/>	
Organic matter depletion				<input type="checkbox"/>	
Soil organism habitat loss or degradation				<input type="checkbox"/>	
Subsidence				<input type="checkbox"/>	
Total		0			
Source Water Depletion	0	0	0	<input type="checkbox"/>	
Groundwater depletion				<input type="checkbox"/>	
Inefficient irrigation water use				<input type="checkbox"/>	
Surface water depletion				<input type="checkbox"/>	
Total		0			

Storage and Handling of Pollutants	0	0	0	<input type="checkbox"/>																
Nutrients transported to groundwater				<input type="checkbox"/>																
Nutrients transported to surface water				<input type="checkbox"/>																
Petroleum, heavy metals, and other pollutants transported to groundwater				<input type="checkbox"/>																
Petroleum, heavy metals, and other pollutants transported to surface water				<input type="checkbox"/>																
Total		0																		
Terrestrial Habitat	35	35	90	<input checked="" type="checkbox"/>																
Terrestrial habitat for wildlife and invertebrates	100	100	100	<input checked="" type="checkbox"/>																
Total		100																		
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	0	0	0	<input type="checkbox"/>																
Sheet and rill erosion				<input type="checkbox"/>																
Wind erosion				<input type="checkbox"/>																
Total		0																		
Resource Concern Categories Total						100														
Conservation Activities					CART Practices															
Practices					This CART template contains practices and enhancements that FWS has not been consulted on and may require individual consultation at the State level. Refer to NI-440-307.32 for a current list of practices where consultation has been completed. Specific conservation measures outlined must be incorporated into all conservation plans in order to receive regulatory predictability.															
RANKING COMPONENT WEIGHTS					Min%	Default	Max%	Max Point	Ranking Algorithm Adjustments											
									Default	A	B	C	D		E	F	G	H		
Vulnerabilities					15	20	40		<input type="checkbox"/>	<input checked="" type="checkbox"/>										
Planned Practice Points					15	15	15		<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"/>											
Total						100														

Practice Type	Practice Code	Practice Name
Conservation Practice	201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation
Conservation Practice	202	Edge-of-Field Water Quality Monitoring-System Installation
Conservation Practice	216	Soil Testing
Conservation Practice	297	Feral Swine Management Conservation Activity - Interim
Conservation Practice	309	Agrichemical Handling Facility
Conservation Practice	310	Bedding
Conservation Practice	311	Alley Cropping
Conservation Practice	313	Waste Storage Facility
Conservation Practice	314	Brush Management
Conservation Practice	315	Herbaceous Weed Treatment
Conservation Practice	316	Animal Mortality Facility
Conservation Practice	317	Composting Facility
Conservation Practice	318	Short Term Storage of Animal Waste and Byproducts
Conservation Practice	319	On-Farm Secondary Containment Facility
Conservation Practice	320	Irrigation Canal or Lateral
Conservation Practice	324	Deep Tillage
Conservation Practice	325	High Tunnel System
Conservation Practice	326	Clearing and Snagging
Conservation Practice	327	Conservation Cover
Conservation Practice	328	Conservation Crop Rotation
Conservation Practice	329	Residue and Tillage Management, No-Till
Conservation Practice	330	Contour Farming
Conservation Practice	331	Contour Orchard and Other Perennial Crops
Conservation Practice	332	Contour Buffer Strips
Conservation Practice	333	Amending Soil Properties with Gypsum Products
Conservation Practice	334	Controlled Traffic Farming
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	350	Sediment Basin
Conservation Practice	351	Well Decommissioning
Conservation Practice	353	Monitoring Well
Conservation Practice	355	Groundwater Testing
Conservation Practice	356	Dike
Conservation Practice	359	Waste Treatment Lagoon
Conservation Practice	360	Waste Facility Closure
Conservation Practice	362	Diversion
Conservation Practice	366	Anaerobic Digester
Conservation Practice	367	Roofs and Covers
Conservation Practice	368	Emergency Animal Mortality Management
Conservation Practice	371	Air Filtration and Scrubbing
Conservation Practice	372	Combustion System Improvement
Conservation Practice	373	Dust Control on Unpaved Roads and Surfaces
Conservation Practice	374	Farmstead Energy Improvement
Conservation Practice	375	Dust Control From Animal Activity on Open Lot Surfaces
Conservation Practice	376	Field Operations Emissions Reduction

Practice Type	Practice Code	Practice Name
Conservation Practice	378	Pond
Conservation Practice	379	Multi-Story Cropping
Conservation Practice	380	Windbreak/Shelterbelt Establishment
Conservation Practice	381	Silvopasture Establishment
Conservation Practice	382	Fence
Conservation Practice	383	Fuel Break
Conservation Practice	384	Woody Residue Treatment
Conservation Practice	386	Field Border
Conservation Practice	388	Irrigation Field Ditch
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	397	Aquaculture Ponds
Conservation Practice	398	Fish Raceway or Tank
Conservation Practice	399	Fishpond Management
Conservation Practice	400	Bivalve Aquaculture Gear and Biofouling Control
Conservation Practice	402	Dam
Conservation Practice	410	Grade Stabilization Structure
Conservation Practice	412	Grassed Waterway
Conservation Practice	420	Wildlife Habitat Planting
Conservation Practice	422	Hedgerow Planting
Conservation Practice	423	Hillside Ditch
Conservation Practice	428	Irrigation Ditch Lining
Conservation Practice	430	Irrigation Pipeline
Conservation Practice	432	Dry Hydrant
Conservation Practice	436	Irrigation Reservoir
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	453	Land Reclamation, Landslide Treatment
Conservation Practice	455	Land Reclamation, Toxic Discharge Control
Conservation Practice	457	Mine Shaft and Adit Closing
Conservation Practice	460	Land Clearing
Conservation Practice	462	Precision Land Forming
Conservation Practice	464	Irrigation Land Leveling
Conservation Practice	466	Land Smoothing
Conservation Practice	468	Lined Waterway or Outlet
Conservation Practice	472	Access Control
Conservation Practice	482	Mole Drain
Conservation Practice	484	Mulching
Conservation Practice	490	Tree/Shrub Site Preparation
Conservation Practice	500	Obstruction Removal

Practice Type	Practice Code	Practice Name
Conservation Practice	511	Forage Harvest Management
Conservation Practice	512	Forage and Biomass Planting
Conservation Practice	516	Livestock Pipeline
Conservation Practice	520	Pond Sealing or Lining, Compacted Soil Treatment
Conservation Practice	521	Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner
Conservation Practice	522	Pond Sealing or Lining - Concrete
Conservation Practice	527	Karst Sinkhole Treatment
Conservation Practice	528	Prescribed Grazing
Conservation Practice	533	Pumping Plant
Conservation Practice	543	Land Reclamation, Abandoned Mined Land
Conservation Practice	544	Land Reclamation, Currently Mined Land
Conservation Practice	548	Grazing Land Mechanical Treatment
Conservation Practice	550	Range Planting
Conservation Practice	554	Drainage Water Management
Conservation Practice	555	Rock Barrier
Conservation Practice	557	Row Arrangement
Conservation Practice	558	Roof Runoff Structure
Conservation Practice	560	Access Road
Conservation Practice	561	Heavy Use Area Protection
Conservation Practice	562	Recreation Area Improvement
Conservation Practice	566	Recreation Land Grading and Shaping
Conservation Practice	570	Stormwater Runoff Control
Conservation Practice	572	Spoil Spreading
Conservation Practice	574	Spring Development
Conservation Practice	575	Trails and Walkways
Conservation Practice	576	Livestock Shelter Structure
Conservation Practice	578	Stream Crossing
Conservation Practice	580	Streambank and Shoreline Protection
Conservation Practice	582	Open Channel
Conservation Practice	584	Channel Bed Stabilization
Conservation Practice	585	Stripcropping
Conservation Practice	587	Structure for Water Control
Conservation Practice	588	Crosswind Ridges
Conservation Practice	589	Cross Wind Trap Strips
Conservation Practice	590	Nutrient Management
Conservation Practice	591	Amendments for the Treatment of Agricultural Waste
Conservation Practice	592	Feed Management
Conservation Practice	595	Integrated Pest Management
Conservation Practice	600	Terrace
Conservation Practice	601	Vegetative Barrier
Conservation Practice	602	Equitable Relief
Conservation Practice	603	Herbaceous Wind Barriers
Conservation Practice	604	Saturated Buffer
Conservation Practice	605	Denitifying Bioreactor
Conservation Practice	606	Subsurface Drain
Conservation Practice	607	Surface Drain, Field Ditch
Conservation Practice	608	Surface Drain, Main or Lateral
Conservation Practice	609	Surface Roughening

Practice Type	Practice Code	Practice Name
Conservation Practice	610	Salinity and Sodic Soil Management
Conservation Practice	612	Tree/Shrub Establishment
Conservation Practice	614	Watering Facility
Conservation Practice	620	Underground Outlet
Conservation Practice	629	Waste Treatment
Conservation Practice	630	Vertical Drain
Conservation Practice	632	Waste Separation Facility
Conservation Practice	633	Waste Recycling
Conservation Practice	634	Waste Transfer
Conservation Practice	635	Vegetated Treatment Area
Conservation Practice	636	Water Harvesting Catchment
Conservation Practice	638	Water and Sediment Control Basin
Conservation Practice	640	Waterspreading
Conservation Practice	642	Water Well
Conservation Practice	643	Restoration of Rare or Declining Natural Communities
Conservation Practice	644	Wetland Wildlife Habitat Management
Conservation Practice	645	Upland Wildlife Habitat Management
Conservation Practice	646	Shallow Water Development and Management
Conservation Practice	647	Early Successional Habitat Development/Management
Conservation Practice	649	Structures for Wildlife
Conservation Practice	650	Windbreak/Shelterbelt Renovation
Conservation Practice	654	Road/Trail/Landing Closure & Treatment
Conservation Practice	655	Forest Trails and Landings
Conservation Practice	656	Constructed Wetland
Conservation Practice	657	Wetland Restoration
Conservation Practice	658	Wetland Creation
Conservation Practice	659	Wetland Enhancement
Conservation Practice	660	Tree/Shrub Pruning
Conservation Practice	666	Forest Stand Improvement
Conservation Practice	670	Lighting System Improvement
Conservation Practice	672	Building Envelope Improvement
Conservation Practice	724	Water Treatment Facility
Conservation Practice	735	Waste Gassification Facility
Conservation Practice	736	Crop By-Product Transfer
Conservation Practice	737	Reduced Water and Energy Coffee Conveyance System
Conservation Practice	740	Pond Sealing and Lining, Soil Cement
Conservation Practice	751	Individual Terrace
Conservation Practice	753	Infiltration Ditches
Conservation Practice	755	Well Plugging
Conservation Practice	770	Livestock Confinement Facility
Conservation Practice	775	Drainage Ditch Covering
Conservation Practice	782	Phosphorous Removal System
Conservation Practice	796	Milking Center Wastewater Treatment
Conservation Practice	800	Controlling Existing Flowing Wells
Conservation Practice	803	Water Well Disinfection
Conservation Practice	807	Soil Remediation
Conservation Practice	808	Soil Carbon Amendment
Conservation Practice	810	Annual Forages for Grazing System

Practice Type	Practice Code	Practice Name
Conservation Practice	815	Groundwater Recharge Basin or Trench
Conservation Practice	817	On-Farm Recharge
Conservation Practice	910	TA Planning
Conservation Practice	911	TA Design
Conservation Practice	912	TA Application
Conservation Practice	913	TA Check-Out
Conservation Practice	428A	Irrigation Water Conveyance, Ditch and Canal Lining, Plain Concrete
Conservation Practice	428B	Irrigation Water Conveyance, Ditch and Canal Lining, Flexible Membrane
Conservation Practice	428C	Irrigation Water Conveyance, Ditch and Canal Lining, Galvanized Steel
Conservation Practice	521A	Pond Sealing or Lining, Flexible Membrane
Conservation Practice	521B	Pond Sealing or Lining, Soil Dispersant
Conservation Practice	521C	Pond Sealing or Lining, Bentonite Sealant
Conservation Practice	521D	Pond Sealing or Lining, Compacted Clay Treatment
Conservation Practice	589C	Cross Wind Trap Strips
CStwP Practice	B000BFF1	Buffer Bundle#1
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	B000CPL18	Crop Bundle #18 - Precision Ag
CStwP Practice	B000CPL19	Crop Bundle #19 - Soil Health Precision Ag
CStwP Practice	B000CPL20	Crop Bundle #20 - Soil Health Assessment
CStwP Practice	B000CPL21	Crop Bundle #21 - Crop Bundle (Organic)
CStwP Practice	B000CPL22	Crop Bundle #22 - Erosion Bundle (Organic)
CStwP Practice	B000CPL23	Crop Bundle #23 – Pheasant and quail habitat
CStwP Practice	B000CPL24	Crop Bundle #24 – Cropland Soil Health Management System
CStwP Practice	B000FST1	Forest Bundle#1
CStwP Practice	B000GRZ1	Grazing Bundle 1 - Range and Pasture
CStwP Practice	B000GRZ2	Grazing Bundle 2 - Range and Pasture
CStwP Practice	B000GRZ3	Grazing Bundle 3 - Range and Pasture
CStwP Practice	B000GRZ4	Grazing Bundle 4 - Range and Pasture
CStwP Practice	B000GRZ5	Grazing Bundle 5 - Range and Pasture
CStwP Practice	B000LLP1	Longleaf Pine Bundle#1
CStwP Practice	B000LLP2	Longleaf Pine Bundle#2
CStwP Practice	B000LLP3	Longleaf Pine Bundle#3
CStwP Practice	B000LLP4	Longleaf Pine Bundle#4
CStwP Practice	B000LLP5	Longleaf Pine Bundle#5
CStwP Practice	B000LLP6	Longleaf Pine Bundle#6
CStwP Practice	B000PST5	Pasture Bundle 5
CStwP Practice	B000RNG2	Range Bundle 2
CStwP Practice	B000RNG4	Range Bundle 4
CStwP Practice	B00BFF2	Buffer Bundle#2
CStwP Practice	E300EAP1	Existing Activity Payment-Land Use
CStwP Practice	E300EAP2	Existing Activity Payment-Resource Concern

Practice Type	Practice Code	Practice Name
CStwP Practice	E300GCI	Grassland Conservation Initiative
CStwP Practice	E314A	Brush management to improve wildlife habitat
CStwP Practice	E315A	Herbaceous weed treatment to create desired plant communities consistent with the ecological site
CStwP Practice	E327A	Conservation cover for pollinators and beneficial insects
CStwP Practice	E327B	Establish Monarch butterfly 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	E328D	Leave standing grain crops unharvested to benefit wildlife
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
CStwP Practice	E328I	Forage harvest to reduce water quality impacts by utilization of excess soil nutrients
CStwP Practice	E328J	Improved crop rotation to provide benefits to pollinators
CStwP Practice	E328K	Multiple crop types to benefit wildlife
CStwP Practice	E328L	Leaving tall crop residue for wildlife
CStwP Practice	E328M	Diversify crop rotation with canola or sunflower to provide benefits to pollinators
CStwP Practice	E329A	No till to reduce soil erosion
CStwP Practice	E329B	No till to reduce tillage induced particulate matter
CStwP Practice	E329C	No till to increase plant-available moisture
CStwP Practice	E329D	No till system to increase soil health and soil organic matter content
CStwP Practice	E329E	No till to reduce energy
CStwP Practice	E334A	Controlled traffic farming to reduce compaction
CStwP Practice	E338A	Strategically planned, patch burning for grazing distribution and wildlife habitat
CStwP Practice	E338B	Short-interval burns to promote a healthy herbaceous plant community
CStwP Practice	E338C	Sequential patch burning
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	E345B	Reduced tillage to reduce tillage induced particulate matter
CStwP Practice	E345C	Reduced tillage to increase plant-available moisture
CStwP Practice	E345D	Reduced tillage to increase soil health and soil organic matter content
CStwP Practice	E345E	Reduced tillage to reduce energy use

Practice Type	Practice Code	Practice Name
CStwP Practice	E373A	Dust suppressant re-application for stabilization
CStwP Practice	E374A	Install variable frequency drive(s) on pump(s)
CStwP Practice	E374B	Switch fuel source for pump motor(s)
CStwP Practice	E376A	Modify field operations to reduce particulate matter
CStwP Practice	E381A	Silvopasture to improve wildlife habitat
CStwP Practice	E382A	Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources
CStwP Practice	E382B	Installing electrical fence offsets and wire for cross-fencing to improve grazing management
CStwP Practice	E383A	Grazing-maintained fuel break to reduce the risk of fire
CStwP Practice	E384A	Biochar production from woody residue
CStwP Practice	E386A	Enhanced field borders to reduce soil erosion along the edge(s) of a field
CStwP Practice	E386B	Enhanced field borders to increase carbon storage along the edge(s) of the field
CStwP Practice	E386C	Enhanced field borders to decrease particulate emissions along the edge(s) of the field
CStwP Practice	E386D	Enhanced field borders to increase food for pollinators along the edge(s) of a field
CStwP Practice	E386E	Enhanced field borders to increase wildlife food and habitat 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	E395A	Stream habitat improvement through placement of woody biomass
CStwP Practice	E399A	Fishpond management for native aquatic and terrestrial species
CStwP Practice	E412A	Enhance a grassed waterway
CStwP Practice	E420A	Establish pollinator habitat
CStwP Practice	E420B	Establish monarch butterfly habitat
CStwP Practice	E447A	Advanced Tailwater Recovery
CStwP Practice	E449A	Complete pumping plant evaluation for water savings
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	E484B	Reduce particulate matter emissions by using orchard or vineyard generated woody materials as mulch

Practice Type	Practice Code	Practice Name
CStwP Practice	E484C	Mulching with natural materials in specialty crops for weed control
CStwP Practice	E511A	Harvest of crops (hay or small grains) using measures that allow desired species to flush or escape
CStwP Practice	E511B	Forage harvest management that helps maintain wildlife habitat cover, shelter or continuity
CStwP Practice	E511C	Forage testing for improved harvesting methods and hay quality
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	E512E	Forage and biomass planting that produces feedstock for biofuels or energy production.
CStwP Practice	E512F	Establishing native grass or legumes in forage base to improve the plant community
CStwP Practice	E512G	Native grasses or legumes in forage base
CStwP Practice	E512H	Forage plantings that enhance bird habitat cover and shelter or structure and composition
CStwP Practice	E512I	Establish pollinator and/or beneficial insect and/or monarch habitat
CStwP Practice	E512J	Establish wildlife corridors to provide habitat continuity or access to water
CStwP Practice	E528A	Maintaining quantity and quality of forage for animal health and productivity
CStwP Practice	E528B	Grazing management that improves monarch butterfly habitat
CStwP Practice	E528C	Incorporating wildlife refuge areas in contingency plans for wildlife.
CStwP Practice	E528D	Grazing management for improving quantity and quality of food or cover and shelter for wildlife
CStwP Practice	E528E	Grazing management for improving quantity and quality of plant structure and composition for wildlife
CStwP Practice	E528F	Stockpiling cool season forage to improve structure and composition or plant productivity and health
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.

Practice Type	Practice Code	Practice Name
CStwP Practice	E528Q	Use of body condition scoring for livestock on a monthly basis to keep track of herd health
CStwP Practice	E528R	Management Intensive Rotational Grazing
CStwP Practice	E533A	Advanced Pumping Plant Automation
CStwP Practice	E533B	Complete pumping plant evaluation for energy savings
CStwP Practice	E550A	Range planting for increasing/maintaining organic matter
CStwP Practice	E550B	Range planting for improving forage, browse, or cover for wildlife
CStwP Practice	E570A	Enhanced rain garden for wildlife
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	E595D	Increase the size requirement of refuges planted to slow pest resistance to Bt 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	E612B	Planting for high carbon sequestration rate
CStwP Practice	E612C	Establishing tree/shrub species to restore native plant communities
CStwP Practice	E612D	Adding food-producing trees and shrubs to existing plantings
CStwP Practice	E612E	Cultural plantings
CStwP Practice	E612F	Sugarbush management
CStwP Practice	E612G	Tree/shrub planting for wildlife food
CStwP Practice	E643A	Restoration of sensitive coastal vegetative communities
CStwP Practice	E643B	Creating native plant refugia
CStwP Practice	E643C	Restore glade habitat to benefit threatened and endangered species and state species of concern
CStwP Practice	E644A	Managing Flood-Irrigated Landscapes for Wildlife
CStwP Practice	E645A	Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat
CStwP Practice	E645B	Manage existing shrub thickets to provide adequate shelter for wildlife
CStwP Practice	E645C	Edge feathering for wildlife cover
CStwP Practice	E646A	Close structures to capture and retain rainfall for waterfowl and wading bird winter habitat
CStwP Practice	E646B	Extend retention of captured rainfall for migratory waterfowl and wading bird late winter habitat
CStwP Practice	E646C	Manipulate vegetation and maintain closed structures for shorebird mid summer habitat

Practice Type	Practice Code	Practice Name
CStwP Practice	E646D	Manipulate vegetation and maintain closed structures for shorebird late summer habitat
CStwP Practice	E647A	Manipulate vegetation on field with captured rainfall for waterfowl and wading bird winter habitat
CStwP Practice	E647B	Provide early successional shorebird habitat between first crop and ratoon crop
CStwP Practice	E647C	Maintain most soil vegetation on cropland edges to enhance waterfowl and shorebird habitat
CStwP Practice	E647D	Establish and maintain early successional habitat in ditches and bank borders
CStwP Practice	E666A	Maintaining and improving forest soil quality
CStwP Practice	E666A	Facilitating longleaf pine regeneration and establishment
CStwP Practice	E666B	Converting loblolly and slash pine plantations to longleaf pine
CStwP Practice	E666C	Implementing sustainable practices for pine straw raking
CStwP Practice	E666D	Forest management to enhance understory vegetation
CStwP Practice	E666E	Reduce height of the forest understory to limit wildfire risk
CStwP Practice	E666F	Reduce forest stand density to create open stand structure
CStwP Practice	E666G	Reduce forest density and manage understory along roads to limit wildfire risk and improve habitat
CStwP Practice	E666H	Increase on-site carbon storage
CStwP Practice	E666I	Crop tree management for mast production
CStwP Practice	E666J	Facilitating oak forest regeneration
CStwP Practice	E666K	Creating structural diversity with patch openings
CStwP Practice	E666L	Forest Stand Improvement to rehabilitate degraded hardwood stands
CStwP Practice	E666M	Maintaining structural diversity in dry Western forests
CStwP Practice	E666N	Creating structural diversity in dry Western forests
CStwP Practice	E666O	Snags, den trees, and coarse woody debris for wildlife habitat
CStwP Practice	E666P	Summer roosting habitat for native forest-dwelling bat species
CStwP Practice	E666Q	Increase diversity in pine plantation monocultures
CStwP Practice	E666R	Forest songbird habitat maintenance