

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"/>	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 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 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 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	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	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"/>
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"/>
distribution	0	40	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	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	25	25	90	<input checked="" type="checkbox"/>
Terrestrial habitat for wildlife and invertebrates	100	100	100	<input checked="" type="checkbox"/>
Total		100		
Weather Resilienc	0	5	20	<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	5	20	<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	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 Endangered Species Act 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"/>	<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 Priorites	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 Code	Practice Name
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation
202	Edge-of-Field Water Quality Monitoring-System Installation
216	Soil Testing
297	Feral Swine Management Conservation Activity - Interim
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

Practice Code	Practice Name
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
500	Obstruction Removal

Practice Code	Practice Name
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
602	Equitable Relief
603	Herbaceous Wind Barriers
604	Saturated Buffer
605	Denitifying Bioreactor
606	Subsurface Drain
607	Surface Drain, Field Ditch
608	Surface Drain, Main or Lateral
609	Surface Roughening

Practice Code	Practice Name
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
807	Soil Remediation
808	Soil Carbon Amendment
810	Annual Forages for Grazing System

Practice Code	Practice Name
815	Groundwater Recharge Basin or Trench
817	On-Farm Recharge
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
B000BFF1	Buffer Bundle#1
B000CPL10	YEAR 1 Irrigated Cropland (MRBI/Ogallala)
B000CPL11	YEAR 2+ Irrigated Cropland (MRBI/Ogallala)
B000CPL12	Non-Irrigated Precision Ag (MRBI)
B000CPL13	Non-Irrigated Cropland (MRBI)
B000CPL14	YEAR 1 Irrigated Precision Ag Cropland (MRBI)
B000CPL15	YEAR 2+ Irrigated Precision Ag Cropland (MRBI)
B000CPL16	Non-Irrigated Cropland with Water Bodies (MRBI)
B000CPL17	Non-Irrigated Cropland with Water Bodies Riparian Forest Buffer (MRBI)
B000CPL18	Crop Bundle #18 - Precision Ag
B000CPL19	Crop Bundle #19 - Soil Health Precision Ag
B000CPL20	Crop Bundle #20 - Soil Health Assessment
B000CPL21	Crop Bundle #21 - Crop Bundle (Organic)
B000CPL22	Crop Bundle #22 - Erosion Bundle (Organic)
B000CPL23	Crop Bundle #23 – Pheasant and quail habitat
B000CPL24	Crop Bundle #24 – Cropland Soil Health Management System
B000FST1	Forest Bundle#1
B000GRZ1	Grazing Bundle 1 - Range and Pasture
B000GRZ2	Grazing Bundle 2 - Range and Pasture
B000GRZ3	Grazing Bundle 3 - Range and Pasture
B000GRZ4	Grazing Bundle 4 - Range and Pasture
B000GRZ5	Grazing Bundle 5 - Range and Pasture
B000LLP1	Longleaf Pine Bundle#1
B000LLP2	Longleaf Pine Bundle#2
B000LLP3	Longleaf Pine Bundle#3
B000LLP4	Longleaf Pine Bundle#4
B000LLP5	Longleaf Pine Bundle#5
B000LLP6	Longleaf Pine Bundle#6
B000PST5	Pasture Bundle 5
B000RNG2	Range Bundle 2
B000RNG4	Range Bundle 4
B00BFF2	Buffer Bundle#2
E300EAP1	Existing Activity Payment-Land Use
E300EAP2	Existing Activity Payment-Resource Concern

Practice Code	Practice Name
E300GCI	Grassland Conservation Initiative
E314A	Brush management to improve wildlife habitat
E315A	Herbaceous weed treatment to create desired plant communities consistent with the ecological site
E327A	Conservation cover for pollinators and beneficial insects
E327B	Establish Monarch butterfly habitat
E328A	Resource conserving crop rotation
E328B	Improved resource conserving crop rotation
E328C	Conservation crop rotation on recently converted CRP grass/legume cover
E328D	Leave standing grain crops unharvested to benefit wildlife
E328E	Soil health crop rotation
E328F	Modifications to improve soil health and increase soil organic matter
E328G	Crop rotation on recently converted CRP grass/legume cover for soil organic matter improvement
E328H	Conservation crop rotation to reduce the concentration of salts
E328I	Forage harvest to reduce water quality impacts by utilization of excess soil nutrients
E328J	Improved crop rotation to provide benefits to pollinators
E328K	Multiple crop types to benefit wildlife
E328L	Leaving tall crop residue for wildlife
E328M	Diversify crop rotation with canola or sunflower to provide benefits to pollinators
E329A	No till to reduce soil erosion
E329B	No till to reduce tillage induced particulate matter
E329C	No till to increase plant-available moisture
E329D	No till system to increase soil health and soil organic matter content
E329E	No till to reduce energy
E334A	Controlled traffic farming to reduce compaction
E338A	Strategically planned, patch burning for grazing distribution and wildlife habitat
E338B	Short-interval burns to promote a healthy herbaceous plant community
E338C	Sequential patch burning
E340A	Cover crop to reduce soil erosion
E340B	Intensive cover cropping to increase soil health and soil organic matter content
E340C	Use of multi-species cover crops to improve soil health and increase soil organic matter
E340D	Intensive orchard/vineyard floor cover cropping to increase soil health
E340E	Use of soil health assessment to assist with development of cover crop mix to improve soil health
E340F	Cover crop to minimize soil compaction
E340G	Cover crop to reduce water quality degradation by utilizing excess soil nutrients
E340H	Cover crop to suppress excessive weed pressures and break pest cycles
E340I	Using cover crops for biological strip till
E345A	Reduced tillage to reduce soil erosion
E345B	Reduced tillage to reduce tillage induced particulate matter
E345C	Reduced tillage to increase plant-available moisture
E345D	Reduced tillage to increase soil health and soil organic matter content
E345E	Reduced tillage to reduce energy use

Practice Code	Practice Name
E373A	Dust suppressant re-application for stabilization
E374A	Install variable frequency drive(s) on pump(s)
E374B	Switch fuel source for pump motor(s)
E376A	Modify field operations to reduce particulate matter
E381A	Silvopasture to improve wildlife habitat
E382A	Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources
E382B	Installing electrical fence offsets and wire for cross-fencing to improve grazing management
E383A	Grazing-maintained fuel break to reduce the risk of fire
E384A	Biochar production from woody residue
E386A	Enhanced field borders to reduce soil erosion along the edge(s) of a field
E386B	Enhanced field borders to increase carbon storage along the edge(s) of the field
E386C	Enhanced field borders to decrease particulate emissions along the edge(s) of the field
E386D	Enhanced field borders to increase food for pollinators along the edge(s) of a field
E386E	Enhanced field borders to increase wildlife food and habitat along the edge(s) of a field
E390A	Increase riparian herbaceous cover width for sediment and nutrient reduction
E390B	Increase riparian herbaceous cover width to enhance wildlife habitat
E391A	Increase riparian forest buffer width for sediment and nutrient reduction
E391B	Increase stream shading for stream temperature reduction
E391C	Increase riparian forest buffer width to enhance wildlife habitat
E393A	Extend existing filter strip to reduce water quality impacts
E395A	Stream habitat improvement through placement of woody biomass
E399A	Fishpond management for native aquatic and terrestrial species
E412A	Enhance a grassed waterway
E420A	Establish pollinator habitat
E420B	Establish monarch butterfly habitat
E447A	Advanced Tailwater Recovery
E449A	Complete pumping plant evaluation for water savings
E449B	Alternated Wetting and Drying (AWD) of rice fields
E449C	Advanced Automated IWM – Year 2-5, soil moisture monitoring
E449D	Advanced Automated IWM – Year 1, Equipment and soil moisture or water level monitoring
E449E	Convert from Cascade to Furrow Irrigated Rice Production – reduce irrigation water consumption
E449F	Intermediate IWM— Year 1, Equipment with Soil or Water Level monitoring
E449G	Intermediate IWM— Years 2-5, Soil or Water Level monitoring
E449H	Intermediate IWM— Years 2 -5, using soil moisture or water level monitoring
E449I	IWM - Year 1, Retrofit Equipment with Speed Control on Sprinkler Irrigation System
E472A	Manage livestock access to streams, ditches, and other waterbodies to reduce nutrients and pathogens to surface water
E484A	Mulching to improve soil health

Practice Code	Practice Name
E484B	Reduce particulate matter emissions by using orchard or vineyard generated woody materials as mulch
E484C	Mulching with natural materials in specialty crops for weed control
E511A	Harvest of crops (hay or small grains) using measures that allow desired species to flush or escape
E511B	Forage harvest management that helps maintain wildlife habitat cover, shelter or continuity
E511C	Forage testing for improved harvesting methods and hay quality
E512A	Cropland conversion to grass-based agriculture to reduce soil erosion
E512B	Forage and biomass planting to reduce soil erosion or increase organic matter to build soil health
E512C	Cropland conversion to grass for soil organic matter improvement
E512D	Forage plantings that help increase organic matter in depleted soils
E512E	Forage and biomass planting that produces feedstock for biofuels or energy production.
E512F	Establishing native grass or legumes in forage base to improve the plant community
E512G	Native grasses or legumes in forage base
E512H	Forage plantings that enhance bird habitat cover and shelter or structure and composition
E512I	Establish pollinator and/or beneficial insect and/or monarch habitat
E512J	Establish wildlife corridors to provide habitat continuity or access to water
E528A	Maintaining quantity and quality of forage for animal health and productivity
E528B	Grazing management that improves monarch butterfly habitat
E528C	Incorporating wildlife refuge areas in contingency plans for wildlife.
E528D	Grazing management for improving quantity and quality of food or cover and shelter for wildlife
E528E	Grazing management for improving quantity and quality of plant structure and composition for wildlife
E528F	Stockpiling cool season forage to improve structure and composition or plant productivity and health
E528G	Improved grazing management on pasture for plant productivity and health with monitoring activities
E528H	Prescribed grazing to improve/maintain riparian and watershed function-elevated water temperature
E528I	Grazing management that protects sensitive areas -surface or ground water from nutrients
E528J	Prescribed grazing on pastureland that improves riparian and watershed function.
E528K	Improved grazing management for soil compaction on pasture through monitoring activities
E528L	Prescribed grazing that improves or maintains riparian and watershed function-erosion
E528M	Grazing management that protects sensitive areas from gully erosion
E528N	Improved grazing management through monitoring activities
E528O	Clipping mature forages to set back vegetative growth for improved forage quality

Practice Code	Practice Name
E528P	Implementing Bale or Swath Grazing to increase organic matter and reduce nutrients in surface water.
E528Q	Use of body condition scoring for livestock on a monthly basis to keep track of herd health
E528R	Management Intensive Rotational Grazing
E533A	Advanced Pumping Plant Automation
E533B	Complete pumping plant evaluation for energy savings
E550A	Range planting for increasing/maintaining organic matter
E550B	Range planting for improving forage, browse, or cover for wildlife
E570A	Enhanced rain garden for wildlife
E578A	Stream crossing elimination
E580A	Stream corridor bank stability improvement
E580B	Stream corridor bank vegetation improvement
E590A	Improving nutrient uptake efficiency and reducing risk of nutrient losses
E590B	Reduce risks of nutrient loss to surface water by utilizing precision agriculture technologies
E590C	Improving nutrient uptake efficiency and reducing risk of nutrient losses on pasture
E595A	Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques
E595B	Reduce risk of pesticides in water and air by utilizing IPM PAMS techniques
E595C	Reducing routine neonicotinoid seed treatments on corn and soybean crops
E595D	Increase the size requirement of refuges planted to slow pest resistance to Bt crops
E595E	Eliminate use of chemical treatments to control pests and to increase the presence of dung beetles
E612A	Cropland conversion to trees or shrubs for long term improvement of water quality
E612B	Planting for high carbon sequestration rate
E612C	Establishing tree/shrub species to restore native plant communities
E612D	Adding food-producing trees and shrubs to existing plantings
E612E	Cultural plantings
E612F	Sugarbush management
E612G	Tree/shrub planting for wildlife food
E643A	Restoration of sensitive coastal vegetative communities
E643B	Creating native plant refugia
E643C	Restore glade habitat to benefit threatened and endangered species and state species of concern
E644A	Managing Flood-Irrigated Landscapes for Wildlife
E645A	Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat
E645B	Manage existing shrub thickets to provide adequate shelter for wildlife
E645C	Edge feathering for wildlife cover
E646A	Close structures to capture and retain rainfall for waterfowl and wading bird winter habitat
E646B	Extend retention of captured rainfall for migratory waterfowl and wading bird late winter habitat

Practice Code	Practice Name
E646C	Manipulate vegetation and maintain closed structures for shorebird mid summer habitat
E646D	Manipulate vegetation and maintain closed structures for shorebird late summer habitat
E647A	Manipulate vegetation on field with captured rainfall for waterfowl and wading bird winter habitat
E647B	Provide early successional shorebird habitat between first crop and ratoon crop
E647C	Maintain most soil vegetation on cropland edges to enhance waterfowl and shorebird habitat
E647D	Establish and maintain early successional habitat in ditches and bank borders
E666A	Maintaining and improving forest soil quality
E666B	Converting loblolly and slash pine plantations to longleaf pine
E666C	Implementing sustainable practices for pine straw raking
E666D	Forest management to enhance understory vegetation
E666E	Reduce height of the forest understory to limit wildfire risk
E666F	Reduce forest stand density to create open stand structure
E666G	Reduce forest density and manage understory along roads to limit wildfire risk and improve habitat
E666H	Increase on-site carbon storage
E666I	Crop tree management for mast production
E666J	Facilitating oak forest regeneration
E666K	Creating structural diversity with patch openings
E666L	Forest Stand Improvement to rehabilitate degraded hardwood stands
E666M	Maintaining structural diversity in dry Western forests
E666N	Creating structural diversity in dry Western forests
E666O	Snags, den trees, and coarse woody debris for wildlife habitat
E666P	Summer roosting habitat for native forest-dwelling bat species
E666Q	Increase diversity in pine plantation monocultures
E666R	Forest songbird habitat maintenance
E666S	Facilitating longleaf pine regeneration and establishment