

NATIONAL RANKING TEMPLATE

TEMPLATE NAME

Working Lands for Wildlife (WLFW) Lesser Prairie-Chicken Initiative (LPCI)

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 Resilience | 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 | 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 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 |
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| 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 |
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| 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 |