



# Ranking Pool Report

**Ranking Pool:** Utah CSP - NIPF Classic - BFR - FY2024

**Program:** CStwP

**Pool Status:** Active

**States:** UT (Admin)

**Template:** CSP Classic National Ranking Template - Amended October 2023

**Template Status:** Active

**Last Modified By:** Don Huggard

**Last Modified:** 01/16/2024  
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## Land Uses and Modifiers

| Land Use           | Grazed | Wildlife | Irrigated | Hayed | Drained | Organic | Water Feature | Protected | Urban | Aquaculture |
|--------------------|--------|----------|-----------|-------|---------|---------|---------------|-----------|-------|-------------|
| Associated Ag Land | --     | --       | --        | --    | N/A     | --      | --            | --        | --    | --          |
| Farmstead          | --     | --       | --        | N/A   | N/A     | --      | --            | --        | --    | --          |
| Forest             | --     | --       | --        | N/A   | N/A     | --      | --            | --        | --    | --          |

## Resource Concern Categories

| Categories                                 |       |           |       |
|--|-------|-----------|-------|
| Category                                   | Min % | Default % | Max % |
| Air quality emissions                      | 0     | 1         | 30    |
| Aquatic habitat                            | 0     | 10        | 30    |
| Concentrated erosion                       | 0     | 3         | 30    |
| Degraded plant condition                   | 0     | 10        | 30    |
| Field pesticide loss                       | 0     | 3         | 30    |
| Field sediment, nutrient and pathogen loss | 0     | 8         | 30    |
| Fire management                            | 0     | 10        | 30    |
| Inefficient energy use                     | 0     | 1         | 30    |
| Livestock production limitation            | 0     | 10        | 30    |
| Pest pressure                              | 0     | 5         | 30    |
| Salt losses to water                       | 0     | 2         | 30    |
| Soil quality limitations                   | 0     | 10        | 30    |
| Source water depletion                     | 0     | 10        | 30    |
| Storage and handling of pollutants         | 0     | 2         | 30    |
| Terrestrial habitat                        | 0     | 10        | 30    |
| Weather resilience                         | 0     | 2         | 30    |
| Wind and water erosion                     | 0     | 3         | 30    |

## Air quality emissions

| Resource Concern                                       | Min % | Default % | Max % |
|--|-------|-----------|-------|
| Emissions of airborne reactive nitrogen                | 0     | 20        | 50    |
| Emissions of greenhouse gases - GHGs                   | 0     | 20        | 50    |
| Emissions of ozone precursors                          | 0     | 20        | 50    |
| Emissions of particulate matter (PM) and PM precursors | 0     | 20        | 50    |
| Objectionable odor                                     | 0     | 20        | 50    |

## Aquatic habitat

| Resource Concern                             | Min % | Default % | Max % |
|--|-------|-----------|-------|
| Aquatic habitat for fish and other organisms | 0     | 50        | 100   |
| Elevated water temperature                   | 0     | 50        | 100   |

## Concentrated erosion

| Resource Concern   | Min % | Default % | Max % |
|--|-------|-----------|-------|
| Bank erosion from streams, shorelines or water conveyance channels | 0     | 30        | 50    |
| Classic gully erosion  | 0     | 40        | 50    |
| Ephemeral gully erosion  | 0     | 30        | 50    |

## Degraded plant condition

| Resource Concern                | Min % | Default % | Max % |
|---------------------------------|-------|-----------|-------|
| Plant productivity and health   | 0     | 50        | 100   |
| Plant structure and composition | 0     | 50        | 100   |

## Field pesticide loss

| Resource Concern                        | Min % | Default % | Max % |
|---|-------|-----------|-------|
| Pesticides transported to groundwater   | 0     | 50        | 100   |
| Pesticides transported to surface water | 0     | 50        | 100   |

## Field sediment, nutrient and pathogen loss

| Resource Concern  | Min % | Default % | Max % |
|---|-------|-----------|-------|
| Nutrients transported to groundwater  | 0     | 20        | 50    |
| Nutrients transported to surface water  | 0     | 20        | 50    |
| Pathogens and chemicals from manure, biosolids or compost applications transported to groundwater   | 0     | 20        | 50    |
| Pathogens and chemicals from manure, biosolids or compost applications transported to surface water | 0     | 20        | 50    |
| Sediment transported to surface water   | 0     | 20        | 50    |

## Fire management

| Resource Concern                          | Min % | Default % | Max % |
|---|-------|-----------|-------|
| Wildfire hazard from biomass accumulation | 0     | 100       | 100   |

## Inefficient energy use

| Resource Concern   | Min % | Default % | Max % |
|--|-------|-----------|-------|
| Energy efficiency of equipment and facilities                        | 0     | 50        | 100   |
| Energy efficiency of farming/ranching practices and field operations | 0     | 50        | 100   |

## Livestock production limitation

| Resource Concern  | Min % | Default % | Max % |
|---|-------|-----------|-------|
| Feed and forage balance                                       | 0     | 40        | 50    |
| Inadequate livestock shelter                                  | 0     | 20        | 50    |
| Inadequate livestock water quantity, quality and distribution | 0     | 40        | 50    |

## Pest pressure

| Resource Concern    | Min % | Default % | Max % |
|---------------------|-------|-----------|-------|
| Plant pest pressure | 0     | 100       | 100   |

## Salt losses to water

| Resource Concern                   | Min % | Default % | Max % |
|------------------------------------|-------|-----------|-------|
| Salts transported to groundwater   | 0     | 50        | 100   |
| Salts transported to surface water | 0     | 50        | 100   |

## Soil quality limitations

| Resource Concern                          | Min % | Default % | Max % |
|---|-------|-----------|-------|
| Aggregate instability                     | 0     | 30        | 50    |
| Compaction                                | 0     | 15        | 50    |
| Concentration of salts or other chemicals | 0     | 10        | 50    |
| Organic matter depletion                  | 0     | 20        | 50    |
| Soil organism habitat loss or degradation | 0     | 15        | 50    |
| Subsidence                                | 0     | 10        | 50    |

## Source water depletion

| Resource Concern                 | Min % | Default % | Max % |
|----------------------------------|-------|-----------|-------|
| Groundwater depletion            | 0     | 30        | 50    |
| Inefficient irrigation water use | 0     | 40        | 50    |
| Surface water depletion          | 0     | 30        | 50    |

## Storage and handling of pollutants

| Resource Concern  | Min % | Default % | Max % |
|---|-------|-----------|-------|
| Nutrients transported to groundwater                                      | 0     | 25        | 50    |
| Nutrients transported to surface water                                    | 0     | 25        | 50    |
| Petroleum, heavy metals and other pollutants transported to groundwater   | 0     | 25        | 50    |
| Petroleum, heavy metals and other pollutants transported to surface water | 0     | 25        | 50    |

## Terrestrial habitat

| Resource Concern                                   | Min % | Default % | Max % |
|--|-------|-----------|-------|
| Terrestrial habitat for wildlife and invertebrates | 0     | 100       | 100   |

## Weather resilience

| Resource Concern                 | Min % | Default % | Max % |
|----------------------------------|-------|-----------|-------|
| Drifted snow                     | 0     | 20        | 50    |
| Naturally available moisture use | 0     | 30        | 50    |
| Ponding and flooding             | 0     | 20        | 50    |
| Seasonal high water table        | 0     | 20        | 50    |
| Seeps                            | 0     | 10        | 50    |

## Wind and water erosion

| Resource Concern       | Min % | Default % | Max % |
|------------------------|-------|-----------|-------|
| Sheet and rill erosion | 0     | 50        | 100   |
| Wind erosion           | 0     | 50        | 100   |

## Practices

| Practice Name                           | Practice Code | Practice Type          |
|---|---------------|------------------------|
| Alley Cropping                          | 311           | Conservation Practices |
| Brush Management                        | 314           | Conservation Practices |
| Herbaceous Weed Treatment               | 315           | Conservation Practices |
| On-Farm Secondary Containment Facility  | 319           | Conservation Practices |
| Deep Tillage                            | 324           | Conservation Practices |
| Conservation Cover                      | 327           | Conservation Practices |
| Conservation Crop Rotation              | 328           | Conservation Practices |
| Residue and Tillage Management, No Till | 329           | Conservation Practices |

| <b>Practice Name</b>                               | <b>Practice Code</b> | <b>Practice Type</b>   |
|--|----------------------|------------------------|
| Amending Soil Properties with Gypsum Products      | 333                  | Conservation Practices |
| Controlled Traffic Farming                         | 334                  | Conservation Practices |
| Prescribed Burning                                 | 338                  | Conservation Practices |
| Cover Crop   | 340                  | Conservation Practices |
| Critical Area Planting                             | 342                  | Conservation Practices |
| Residue and Tillage Management, Reduced Till       | 345                  | Conservation Practices |
| Dam, Diversion                                     | 348                  | Conservation Practices |
| Combustion System Improvement                      | 372                  | Conservation Practices |
| Dust Control on Unpaved Roads and Surfaces         | 373                  | Conservation Practices |
| Energy Efficient Agricultural Operation            | 374                  | Conservation Practices |
| Field Operations Emissions Reduction               | 376                  | Conservation Practices |
| Pond   | 378                  | Conservation Practices |
| Windbreak/Shelterbelt Establishment and Renovation | 380                  | Conservation Practices |
| Silvopasture                                       | 381                  | Conservation Practices |
| Fence  | 382                  | Conservation Practices |
| Fuel Break   | 383                  | Conservation Practices |
| Woody Residue Treatment                            | 384                  | Conservation Practices |
| Field Border                                       | 386                  | Conservation Practices |
| Riparian Herbaceous Cover                          | 390                  | Conservation Practices |
| Riparian Forest Buffer                             | 391                  | Conservation Practices |
| Filter Strip                                       | 393                  | Conservation Practices |
| Firebreak  | 394                  | Conservation Practices |
| Stream Habitat Improvement and Management          | 395                  | Conservation Practices |
| Aquatic Organism Passage                           | 396                  | Conservation Practices |
| Fishpond Management                                | 399                  | Conservation Practices |
| Grade Stabilization Structure                      | 410                  | Conservation Practices |
| Grassed Waterway                                   | 412                  | Conservation Practices |

| <b>Practice Name</b>                       | <b>Practice Code</b> | <b>Practice Type</b>   |
|--|----------------------|------------------------|
| Wildlife Habitat Planting                  | 420                  | Conservation Practices |
| Hedgerow Planting                          | 422                  | Conservation Practices |
| Irrigation Pipeline                        | 430                  | Conservation Practices |
| Irrigation System, Microirrigation         | 441                  | Conservation Practices |
| Sprinkler System                           | 442                  | Conservation Practices |
| Irrigation System, Surface and Subsurface  | 443                  | Conservation Practices |
| Irrigation and Drainage Tailwater Recovery | 447                  | Conservation Practices |
| Irrigation Water Management                | 449                  | Conservation Practices |
| Precision Land Forming and Smoothing       | 462                  | Conservation Practices |
| Irrigation Land Leveling                   | 464                  | Conservation Practices |
| Land Smoothing                             | 466                  | Conservation Practices |
| Access Control                             | 472                  | Conservation Practices |
| Mulching                                   | 484                  | Conservation Practices |
| Tree/Shrub Site Preparation                | 490                  | Conservation Practices |
| Forage Harvest Management                  | 511                  | Conservation Practices |
| Pasture and Hay Planting                   | 512                  | Conservation Practices |
| Livestock Pipeline                         | 516                  | Conservation Practices |
| Prescribed Grazing                         | 528                  | Conservation Practices |
| Pumping Plant                              | 533                  | Conservation Practices |
| Range Planting                             | 550                  | Conservation Practices |
| Drainage Water Management                  | 554                  | Conservation Practices |
| Row Arrangement                            | 557                  | Conservation Practices |
| Roof Runoff Structure                      | 558                  | Conservation Practices |
| Heavy Use Area Protection                  | 561                  | Conservation Practices |
| Stormwater Runoff Control                  | 570                  | Conservation Practices |
| Spring Development                         | 574                  | Conservation Practices |
| Livestock Shelter Structure                | 576                  | Conservation Practices |

| Practice Name  | Practice Code | Practice Type                  |
|--|---------------|--------------------------------|
| Stream Crossing                                      | 578           | Conservation Practices         |
| Streambank and Shoreline Protection                  | 580           | Conservation Practices         |
| Structure for Water Control                          | 587           | Conservation Practices         |
| Nutrient Management                                  | 590           | Conservation Practices         |
| Pest Management Conservation System                  | 595           | Conservation Practices         |
| Saturated Buffer                                     | 604           | Conservation Practices         |
| Denitrifying Bioreactor                              | 605           | Conservation Practices         |
| Subsurface Drain                                     | 606           | Conservation Practices         |
| Salinity and Sodic Soil Management                   | 610           | Conservation Practices         |
| Tree/Shrub Establishment                             | 612           | Conservation Practices         |
| Watering Facility                                    | 614           | Conservation Practices         |
| Underground Outlet                                   | 620           | Conservation Practices         |
| Restoration of Rare or Declining Natural Communities | 643           | Conservation Practices         |
| Wetland Wildlife Habitat Management                  | 644           | Conservation Practices         |
| Upland Wildlife Habitat Management                   | 645           | Conservation Practices         |
| Shallow Water Development and Management             | 646           | Conservation Practices         |
| Early Successional Habitat Development-Mgt           | 647           | Conservation Practices         |
| Structures for Wildlife                              | 649           | Conservation Practices         |
| Windbreak/Shelterbelt Renovation                     | 650           | Conservation Practices         |
| Road/Trail/Landing Closure and Treatment             | 654           | Conservation Practices         |
| Forest Trails and Landings                           | 655           | Conservation Practices         |
| Tree-Shrub Pruning                                   | 660           | Conservation Practices         |
| Forest Stand Improvement                             | 666           | Conservation Practices         |
| Phosphorus Removal System                            | 782           | Interim Conservation Practices |
| Buffer Bundle#1                                      | B000BFF1      | Bundles                        |
| YEAR 1 Irrigated Cropland (MRBI/Ogallala)            | B000CPL10     | Bundles                        |
| YEAR 2+ Irrigated Cropland (MRBI/Ogallala)           | B000CPL11     | Bundles                        |
| Non-Irrigated Precision Ag (MRBI)                    | B000CPL12     | Bundles                        |

| Practice Name  | Practice Code | Practice Type             |
|--|---------------|---------------------------|
| Non-Irrigated Cropland (MRBI)  | B000CPL13     | Bundles                   |
| YEAR 1 Irrigated Precision Ag Cropland (MRBI)                          | B000CPL14     | Bundles                   |
| YEAR 2+ Irrigated Precision Ag Cropland (MRBI)                         | B000CPL15     | Bundles                   |
| Non-Irrigated Cropland with Water Bodies (MRBI)                        | B000CPL16     | Bundles                   |
| Non-Irrigated Cropland with Water Bodies Riparian Forest Buffer (MRBI) | B000CPL17     | Bundles                   |
| Crop Bundle #18 - Precision Ag   | B000CPL18     | Bundles                   |
| Crop Bundle #19 - Soil Health Precision Ag                             | B000CPL19     | Bundles                   |
| Crop Bundle #20 - Soil Health Assessment                               | B000CPL20     | Bundles                   |
| Crop Bundle #21 - Crop Bundle (Organic)                                | B000CPL21     | Bundles                   |
| Crop Bundle #22 - Erosion Bundle (Organic)                             | B000CPL22     | Bundles                   |
| Crop Bundle #23 - Pheasant and quail habitat                           | B000CPL23     | Bundles                   |
| Crop Bundle #24 - Cropland Soil Health Management System               | B000CPL24     | Bundles                   |
| Climate Smart Advanced Soil Health                                     | B000CPL25     | Bundles                   |
| Forest Bundle#1  | B000FST1      | Bundles                   |
| Forest Bundle #2 - Post-fire Management                                | B000FST2      | Bundles                   |
| Forest Bundle #3   | B000FST3      | Bundles                   |
| Forest Bundle #4   | B000FST4      | Bundles                   |
| Forest Bundle #5 Climate Smart Increase Carbon Storage                 | B000FST5      | Bundles                   |
| Grazing Bundle 1 - Range and Pasture                                   | B000GRZ1      | Bundles                   |
| Grazing Bundle 2 - Range and Pasture                                   | B000GRZ2      | Bundles                   |
| Grazing Bundle 3 - Range and Pasture                                   | B000GRZ3      | Bundles                   |
| Grazing Bundle 4 - Range and Pasture                                   | B000GRZ4      | Bundles                   |
| Grazing Bundle 5 - Range and Pasture                                   | B000GRZ5      | Bundles                   |
| Longleaf Pine Bundle#1   | B000LLP1      | Bundles                   |
| Longleaf Pine Bundle#2   | B000LLP2      | Bundles                   |
| Longleaf Pine Bundle #4  | B000LLP4      | Bundles                   |
| Pasture Bundle 5   | B000PST5      | Bundles                   |
| Pasture Bundle #6 - Pasture  | B000PSTX      | Bundles                   |
| Range Bundle 4   | B000RNG4      | Bundles                   |
| Comprehensive Conservation Plan  | E199A         | CStwP Enhancements (2018) |
| Existing Activity Payment-Land Use                                     | E300EAP1      | CStwP Enhancements (2018) |
| Existing Activity Payment-Resource Concern                             | E300EAP2      | CStwP Enhancements (2018) |
| Grassland Conservation Initiative                                      | E300GCI       | CStwP Enhancements (2014) |



| Practice Name  | Practice Code | Practice Type             |
|--|---------------|---------------------------|
| Brush management to improve wildlife habitat   | E314A         | CStwP Enhancements (2018) |
| Herbaceous weed treatment to create plant communities consistent with the ecological site      | E315A         | CStwP Enhancements (2018) |
| Conservation cover for pollinators and beneficial insects                                      | E327A         | CStwP Enhancements (2018) |
| Establish Monarch butterfly habitat  | E327B         | CStwP Enhancements (2018) |
| Resource conserving crop rotation  | E328A         | CStwP Enhancements (2018) |
| Improved resource conserving crop rotation   | E328B         | CStwP Enhancements (2018) |
| Conservation crop rotation on recently converted CRP grass/legume cover                        | E328C         | CStwP Enhancements (2018) |
| Leave standing grain crops unharvested to benefit wildlife                                     | E328D         | CStwP Enhancements (2018) |
| Soil health crop rotation  | E328E         | CStwP Enhancements (2018) |
| Modifications to improve soil health and increase soil organic matter                          | E328F         | CStwP Enhancements (2018) |
| Crop rotation on recently converted CRP grass/legume cover for soil organic matter improvement | E328G         | CStwP Enhancements (2018) |
| Conservation crop rotation to reduce the concentration of salts                                | E328H         | CStwP Enhancements (2018) |
| Forage harvest to reduce water quality impacts by utilization of excess soil nutrients         | E328I         | CStwP Enhancements (2018) |
| Improved crop rotation to provide benefits to pollinators                                      | E328J         | CStwP Enhancements (2018) |
| Multiple crop types to benefit wildlife  | E328K         | CStwP Enhancements (2018) |
| Leaving tall crop residue for wildlife   | E328L         | CStwP Enhancements (2018) |
| Diversify crop rotation with canola or sunflower to provide benefits to pollinators            | E328M         | CStwP Enhancements (2018) |
| Intercropping to Improve Soil Health   | E328N         | CStwP Enhancements (2018) |
| Perennial Grain Conservation Crop Rotation   | E328O         | CStwP Enhancements (2018) |

| Practice Name   | Practice Code | Practice Type             |
|---|---------------|---------------------------|
| Low Nitrogen Requirement Annual Crop Rotation   | E328P         | CStwP Enhancements (2018) |
| No till to reduce soil erosion  | E329A         | CStwP Enhancements (2018) |
| No till to reduce tillage induced particulate matter  | E329B         | CStwP Enhancements (2018) |
| No till to increase plant-available moisture  | E329C         | CStwP Enhancements (2018) |
| No till system to increase soil health and soil organic matter content                            | E329D         | CStwP Enhancements (2018) |
| No till to reduce energy  | E329E         | CStwP Enhancements (2018) |
| No-till into green cover crop to improve soil organic matter quantity and quality                 | E329F         | CStwP Enhancements (2018) |
| Controlled traffic farming to reduce compaction   | E334A         | CStwP Enhancements (2018) |
| Strategically planned, patch burning for grazing distribution and wildlife habitat                | E338A         | CStwP Enhancements (2018) |
| Short-interval burns to promote a healthy herbaceous plant community                              | E338B         | CStwP Enhancements (2018) |
| Sequential patch burning  | E338C         | CStwP Enhancements (2018) |
| Cover crop to reduce soil erosion   | E340A         | CStwP Enhancements (2018) |
| Intensive cover cropping to increase soil health and soil organic matter content                  | E340B         | CStwP Enhancements (2018) |
| Use of multi-species cover crops to improve soil health and increase soil organic matter          | E340C         | CStwP Enhancements (2018) |
| Intensive orchard/vineyard floor cover cropping to increase soil health                           | E340D         | CStwP Enhancements (2018) |
| Use of soil health assessment to assist with development of cover crop mix to improve soil health | E340E         | CStwP Enhancements (2018) |
| Cover crop to minimize soil compaction  | E340F         | CStwP Enhancements (2018) |
| Cover crop to reduce water quality degradation by utilizing excess soil nutrients                 | E340G         | CStwP Enhancements (2018) |
| Cover crop to suppress excessive weed pressures and break pest cycles                             | E340H         | CStwP Enhancements (2018) |

| Practice Name  | Practice Code | Practice Type             |
|--|---------------|---------------------------|
| Using cover crops for biological strip till  | E340I         | CStwP Enhancements (2018) |
| Cover crop to improve moisture use efficiency and reduce salts                               | E340J         | CStwP Enhancements (2018) |
| Reduced tillage to reduce soil erosion   | E345A         | CStwP Enhancements (2018) |
| Reduced tillage to reduce tillage induced particulate matter                                 | E345B         | CStwP Enhancements (2018) |
| Reduced tillage to increase plant-available moisture   | E345C         | CStwP Enhancements (2018) |
| Reduced tillage to increase soil health and soil organic matter content                      | E345D         | CStwP Enhancements (2018) |
| Reduced tillage to reduce energy use   | E345E         | CStwP Enhancements (2018) |
| Switch to Renewable Power Source   | E372A         | CStwP Enhancements (2018) |
| Renewable Energy Source for Large Internal Combustion Engines                                | E372B         | CStwP Enhancements (2018) |
| Dust suppressant re-application for stabilization  | E373A         | CStwP Enhancements (2018) |
| Modify field operations to reduce particulate matter   | E376A         | CStwP Enhancements (2018) |
| Silvopasture to improve wildlife habitat   | E381A         | CStwP Enhancements (2018) |
| Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources        | E382A         | CStwP Enhancements (2018) |
| Installing electrical fence offsets and wire for cross-fencing to improve grazing management | E382B         | CStwP Enhancements (2018) |
| Grazing-maintained fuel break to reduce the risk of fire                                     | E383A         | CStwP Enhancements (2018) |
| Biochar production from woody residue  | E384A         | CStwP Enhancements (2018) |
| Enhanced field borders to reduce soil erosion along the edge(s) of a field                   | E386A         | CStwP Enhancements (2018) |
| Enhanced field borders to increase carbon storage along the edge(s) of the field             | E386B         | CStwP Enhancements (2018) |
| Enhanced field borders to decrease particulate emissions along the edge(s) of the field      | E386C         | CStwP Enhancements (2018) |

| Practice Name  | Practice Code | Practice Type             |
|--|---------------|---------------------------|
| Enhanced field borders to increase food for pollinators along the edge(s) of a field           | E386D         | CStwP Enhancements (2018) |
| Enhanced field borders to increase wildlife food and habitat along the edge(s) of a field      | E386E         | CStwP Enhancements (2018) |
| Increase riparian herbaceous cover width for sediment and nutrient reduction                   | E390A         | CStwP Enhancements (2018) |
| Increase riparian herbaceous cover width to enhance wildlife habitat                           | E390B         | CStwP Enhancements (2018) |
| Increase riparian forest buffer width for sediment and nutrient reduction                      | E391A         | CStwP Enhancements (2018) |
| Increase stream shading for stream temperature reduction                                       | E391B         | CStwP Enhancements (2018) |
| Increase riparian forest buffer width to enhance wildlife habitat                              | E391C         | CStwP Enhancements (2018) |
| Extend existing filter strip to reduce water quality impacts                                   | E393A         | CStwP Enhancements (2018) |
| Stream habitat improvement through placement of woody biomass                                  | E395A         | CStwP Enhancements (2018) |
| Fishpond management for native aquatic and terrestrial species                                 | E399A         | CStwP Enhancements (2018) |
| Enhance a grassed waterway   | E412A         | CStwP Enhancements (2018) |
| Establish pollinator habitat   | E420A         | CStwP Enhancements (2018) |
| Establish monarch butterfly habitat  | E420B         | CStwP Enhancements (2018) |
| Advanced Tailwater Recovery  | E447A         | CStwP Enhancements (2018) |
| Complete pumping plant evaluation for water savings  | E449A         | CStwP Enhancements (2018) |
| Alternated Wetting and Drying (AWD) of rice fields   | E449B         | CStwP Enhancements (2018) |
| Advanced Automated IWM - Year 2-5, soil moisture monitoring                                    | E449C         | CStwP Enhancements (2018) |
| Advanced Automated IWM - Year 1, Equipment and soil moisture or water level monitoring         | E449D         | CStwP Enhancements (2018) |
| Convert from Cascade to Furrow Irrigated Rice Production – reduce irrigation water consumption | E449E         | CStwP Enhancements (2018) |

| Practice Name   | Practice Code | Practice Type             |
|---|---------------|---------------------------|
| Intermediate IWM - Year 1, Equipment with Soil or Water Level monitoring                            | E449F         | CStwP Enhancements (2018) |
| Intermediate IWM - Years 2-5, Soil or Water Level monitoring  | E449G         | CStwP Enhancements (2018) |
| Intermediate IWM - Years 2 -5, using soil moisture or water level monitoring                        | E449H         | CStwP Enhancements (2018) |
| Sprinkler Irrigation Equipment Retrofit   | E449I         | CStwP Enhancements (2018) |
| Intermediate IWM – 20% Reducing Water Usage   | E449J         | CStwP Enhancements (2018) |
| Manage livestock access to waterbodies to reduce nutrients or pathogens to surface water            | E472A         | CStwP Enhancements (2018) |
| Mulching to improve soil health   | E484A         | CStwP Enhancements (2018) |
| Reduce particulate matter emissions by using orchard or vineyard generated woody materials as mulch | E484B         | CStwP Enhancements (2018) |
| Mulching with natural materials in specialty crops for weed control                                 | E484C         | CStwP Enhancements (2018) |
| Lowbush Blueberry Field Mulching for Moisture Management  | E484D         | CStwP Enhancements (2018) |
| Harvest of crops (hay or small grains) using measures that allow desired species to flush or escape | E511A         | CStwP Enhancements (2018) |
| Forage harvest management that helps maintain wildlife habitat cover, shelter or continuity         | E511B         | CStwP Enhancements (2018) |
| Forage testing for improved harvesting methods and hay quality                                      | E511C         | CStwP Enhancements (2018) |
| Forage Harvest Management to Improve Terrestrial Habitat for Wildlife during Over-Winter Periods    | E511D         | CStwP Enhancements (2018) |
| Cropland conversion to grass-based agriculture to reduce soil erosion                               | E512A         | CStwP Enhancements (2018) |
| Forage and biomass planting to reduce soil erosion or increase organic matter to build soil health  | E512B         | CStwP Enhancements (2018) |
| Cropland conversion to grass for soil organic matter improvement                                    | E512C         | CStwP Enhancements (2018) |
| Forage plantings that help increase organic matter in depleted soils                                | E512D         | CStwP Enhancements (2018) |
| Establish pollinator and/or beneficial insect and/or monarch habitat                                | E512I         | CStwP Enhancements (2018) |

| Practice Name  | Practice Code | Practice Type             |
|--|---------------|---------------------------|
| Establish wildlife corridors to provide habitat continuity or access to water                        | E512J         | CStwP Enhancements (2018) |
| Diversifying Forage Base with Interseeding Forbs and Legumes to Increase Pasture Quality             | E512L         | CStwP Enhancements (2018) |
| Forage Plantings that Improve Wildlife Habitat Cover and Shelter or Structure and Composition        | E512M         | CStwP Enhancements (2018) |
| Maintaining quantity and quality of forage for animal health and productivity                        | E528A         | CStwP Enhancements (2018) |
| Grazing management that improves monarch butterfly habitat   | E528B         | CStwP Enhancements (2018) |
| Incorporating wildlife refuge areas in contingency plans for wildlife.                               | E528C         | CStwP Enhancements (2018) |
| Grazing management for improving quantity and quality of food or cover and shelter for wildlife      | E528D         | CStwP Enhancements (2018) |
| Improved grazing management for enhanced plant structure and composition for wildlife                | E528E         | CStwP Enhancements (2018) |
| Stockpiling cool season forage to improve structure and composition or plant productivity and health | E528F         | CStwP Enhancements (2018) |
| Improved grazing management on pasture for plant productivity and health with monitoring activities  | E528G         | CStwP Enhancements (2018) |
| Prescribed grazing to improve/maintain riparian and watershed function-elevated water temperature    | E528H         | CStwP Enhancements (2018) |
| Grazing management that protects sensitive areas -surface or ground water from nutrients             | E528I         | CStwP Enhancements (2018) |
| Prescribed grazing on pastureland that improves riparian and watershed function                      | E528J         | CStwP Enhancements (2018) |
| Prescribed grazing that improves or maintains riparian and watershed function-erosion                | E528L         | CStwP Enhancements (2018) |
| Grazing management that protects sensitive areas from gully erosion                                  | E528M         | CStwP Enhancements (2018) |
| Improved grazing management through monitoring activities  | E528N         | CStwP Enhancements (2018) |
| Clipping mature forages to set back vegetative growth for improved forage quality                    | E528O         | CStwP Enhancements (2018) |
| Implementing Bale or Swath Grazing to increase organic matter and reduce nutrients in surface water  | E528P         | CStwP Enhancements (2018) |
| Use of body condition scoring for livestock on a monthly basis to keep track of herd health          | E528Q         | CStwP Enhancements (2018) |

| Practice Name  | Practice Code | Practice Type             |
|--|---------------|---------------------------|
| Management Intensive Rotational Grazing  | E528R         | CStwP Enhancements (2018) |
| Soil Health Improvements on Pasture  | E528S         | CStwP Enhancements (2018) |
| Grazing to Reduce Wildfire Risk on Forests   | E528T         | CStwP Enhancements (2018) |
| Contingency Planning for Resiliency  | E528U         | CStwP Enhancements (2018) |
| Advanced Pumping Plant Automation  | E533A         | CStwP Enhancements (2018) |
| Complete pumping plant evaluation for energy savings   | E533B         | CStwP Enhancements (2018) |
| Install VFDs on pumping plants   | E533C         | CStwP Enhancements (2018) |
| Switch fuel source for pumps   | E533D         | CStwP Enhancements (2018) |
| Range planting for increasing/maintaining organic matter   | E550A         | CStwP Enhancements (2018) |
| Range planting for improving forage, browse, or cover for wildlife                                 | E550B         | CStwP Enhancements (2018) |
| Enhanced rain garden for wildlife  | E570A         | CStwP Enhancements (2018) |
| Stream crossing elimination  | E578A         | CStwP Enhancements (2018) |
| Stream corridor bank stability improvement   | E580A         | CStwP Enhancements (2018) |
| Stream corridor bank vegetation improvement  | E580B         | CStwP Enhancements (2018) |
| Improving nutrient uptake efficiency and reducing risk of nutrient losses                          | E590A         | CStwP Enhancements (2018) |
| Reduce risks of nutrient loss to surface water by utilizing precision agriculture technologies     | E590B         | CStwP Enhancements (2018) |
| Improving nutrient uptake efficiency and reducing risk of nutrient losses on pasture               | E590C         | CStwP Enhancements (2018) |
| Reduce nutrient loss by increasing setback awareness via precision technology for water quality    | E590D         | CStwP Enhancements (2018) |
| Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques | E595A         | CStwP Enhancements (2018) |

| Practice Name  | Practice Code | Practice Type             |
|--|---------------|---------------------------|
| Reduce risk of pesticides in water and air by utilizing IPM PAMS techniques                        | E595B         | CStwP Enhancements (2018) |
| Increase the size requirement of refuges planted to slow pest resistance to Bt crops               | E595D         | CStwP Enhancements (2018) |
| Eliminate use of chemical treatments to control pests and to increase the presence of dung beetles | E595E         | CStwP Enhancements (2018) |
| Improving Soil Organism Habitat on Agricultural Land   | E595F         | CStwP Enhancements (2018) |
| Reduced resistance risk by utilizing PAMS techniques   | E595G         | CStwP Enhancements (2018) |
| Improved crop management to control wheat stem sawfly  | E595H         | CStwP Enhancements (2018) |
| Planting for high carbon sequestration rate  | E612B         | CStwP Enhancements (2018) |
| Establishing tree/shrub species to restore native plant communities                                | E612C         | CStwP Enhancements (2018) |
| Adding food-producing trees and shrubs to existing plantings                                       | E612D         | CStwP Enhancements (2018) |
| Cultural plantings   | E612E         | CStwP Enhancements (2018) |
| Sugarbush management   | E612F         | CStwP Enhancements (2018) |
| Tree/shrub planting for wildlife food  | E612G         | CStwP Enhancements (2018) |
| Restoration of sensitive coastal vegetative communities  | E643A         | CStwP Enhancements (2018) |
| Restoration and management of rare or declining habitat  | E643B         | CStwP Enhancements (2018) |
| Restore glade habitat to benefit threatened and endangered species and state species of concern    | E643C         | CStwP Enhancements (2018) |
| Low-tech process-based restoration to enhance floodplain connectivity                              | E643D         | CStwP Enhancements (2018) |
| Managing Flood-Irrigated Landscapes for Wildlife   | E644A         | CStwP Enhancements (2018) |
| Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat       | E645A         | CStwP Enhancements (2018) |
| Manage existing shrub thickets to provide adequate shelter for wildlife                            | E645B         | CStwP Enhancements (2018) |




| Practice Name  | Practice Code | Practice Type             |
|--|---------------|---------------------------|
| Edge feathering for wildlife cover   | E645C         | CStwP Enhancements (2018) |
| Wildlife Habitat Management Plan for Upland Landscapes   | E645D         | CStwP Enhancements (2018) |
| Close structures to capture and retain rainfall for waterfowl and wading bird winter habitat       | E646A         | CStwP Enhancements (2018) |
| Extend retention of captured rainfall for migratory waterfowl and wading bird late winter habitat  | E646B         | CStwP Enhancements (2018) |
| Manipulate vegetation and maintain closed structures for shorebirds mid-summer habitat             | E646C         | CStwP Enhancements (2018) |
| Manipulate vegetation and maintain closed structures for shorebird late summer habitat             | E646D         | CStwP Enhancements (2018) |
| Manipulate vegetation on fields with captured rainfall for waterfowl & wading bird winter habitat  | E647A         | CStwP Enhancements (2018) |
| Provide early successional shorebird habitat between first crop and ratoon crop                    | E647B         | CStwP Enhancements (2018) |
| Maintain most soil vegetation on cropland edges to enhance waterfowl and shorebird habitat         | E647C         | CStwP Enhancements (2018) |
| Establish and maintain early successional habitat in ditches and bank borders                      | E647D         | CStwP Enhancements (2018) |
| Maintaining and improving forest soil quality  | E666A         | CStwP Enhancements (2018) |
| Forest management to enhance understory vegetation   | E666D         | CStwP Enhancements (2018) |
| Reduce height of the forest understory to limit wildfire risk                                      | E666E         | CStwP Enhancements (2018) |
| Reduce forest stand density to create open stand structure   | E666F         | CStwP Enhancements (2018) |
| Reduce forest density and manage understory along roads to limit wildfire risk and improve habitat | E666G         | CStwP Enhancements (2018) |
| Increase on-site carbon storage  | E666H         | CStwP Enhancements (2018) |
| Crop tree management for mast production   | E666I         | CStwP Enhancements (2018) |
| Facilitating oak forest regeneration   | E666J         | CStwP Enhancements (2018) |
| Creating structural diversity with patch openings  | E666K         | CStwP Enhancements (2018) |

| Practice Name   | Practice Code | Practice Type             |
|---|---------------|---------------------------|
| Forest Stand Improvement to rehabilitate degraded hardwood stands | E666L         | CStwP Enhancements (2018) |
| Snags, den trees, and coarse woody debris for wildlife habitat    | E666O         | CStwP Enhancements (2018) |
| Summer roosting habitat for native forest-dwelling bat species    | E666P         | CStwP Enhancements (2018) |
| Forest songbird habitat preservation                              | E666R         | CStwP Enhancements (2018) |
| Facilitating longleaf pine establishment                          | E666S         | CStwP Enhancements (2018) |

## Ranking Weights

| Factors                  | Algorithm      | Allowable Min | Default | Allowable Max |
|--------------------------|----------------|---------------|---------|---------------|
| Vulnerabilities          | Adjustment (A) | 5             | 5       | 10            |
| Planned Practice Effects | Adjustment (C) | 35            | 35      | 50            |
| Resource Priorities      | Default        | 15            | 25      | 35            |
| Program Priorities       | Default        | 15            | 25      | 35            |
| Efficiencies             | Default        | 10            | 10      | 10            |

## Display Group: Utah CSP - NIPF Classic - BFR - FY2024 (Active)

 An asterisk will be displayed to show that it is a conditional section or conditional question.

## Survey: Applicability Questions

| Section: Applicability Question  |                |        |
|--|----------------|--------|
| Question   | Answer Choices | Points |
| Is this a CSP classic application for nonindustrial private forestland (NIPF) and did the applicant self-certify as a beginning farmer or rancher on the NRCS-CPA-1200 Conservation Program Application? | YES            | --     |
|  | NO             | --     |

## Survey: Category Questions

| Section: Spending Plan Category |                |        |
|---------------------------------|----------------|--------|
| Question                        | Answer Choices | Points |

| Section: Spending Plan Category |                               |        |
|---------------------------------|-------------------------------|--------|
| Question                        | Answer Choices                | Points |
| NRCS Team                       | Cache-Rich Team               | --     |
|                                 | Gar-Kane Team                 | --     |
|                                 | Lower Colorado Basin          | --     |
|                                 | Lower Sevier Basin            | --     |
|                                 | Middle Sevier - Fremont Basin | --     |
|                                 | Northwest Team                | --     |
|                                 | Price-San Rafael Basin        | --     |
|                                 | South Bonneville Team         | --     |
|                                 | Southwest Basin               | --     |
|                                 | Uintah Basin                  | --     |
|                                 | Weber River Team              | --     |
|                                 | Otherwise                     | --     |

**Survey: Program Questions**

| Section: Program Question |                |        |
|---------------------------|----------------|--------|
| Question                  | Answer Choices | Points |

**Section: Program Question**

| Question  | Answer Choices  | Points |
|---|---|--------|
| At the time of application, the applicant meets   | 6-8 State priority resource concern categories across all land uses included in the operation   | 100    |
|   | 3-5 State priority resource concern categories across all land uses included in the operation   | 90     |
|   | 1-2 State priority resource concern categories across all land uses included in the operation.  | 80     |
|   | 6-8 State priority resource concern categories across all land uses included in the operation (excluding farmstead and associated ag land).     | 70     |
|   | 3-5 State priority resource concern categories across all land uses included in the operation (excluding farmstead and associated ag land).     | 60     |
|   | 1-2 State priority resource concern categories across all land uses included in the operation (excluding farmstead and associated ag land).     | 50     |
|   | 6-8 State priority resource concern categories on at least one land use included in the operation (excluding farmstead and associated ag land). | 40     |
|   | 3-5 State priority resource concern categories on at least one land use included in the operation (excluding farmstead and associated ag land). | 30     |
|   | 1-2 State priority resource concern categories on at least one land use included in the operation (excluding farmstead and associated ag land). | 20     |
| The applicant does not meet State priority resource concern categories as described in questions 1-9 under this section.  | 0   |        |
| Does the applicant meet the NRCS definition of a veteran farmer or rancher (VFR)?   | YES   | 20     |
|   | NO  | 0      |
| Did the applicant participate in the CRP Transition Incentives Program (TIP), and land included in the CSP application has come out of CRP within the last two years? | YES   | 5      |
|   | NO  | 0      |

**Survey: Resource Questions**

**Section: Resource Questions**

| Question | Answer Choices | Points |
|----------|----------------|--------|
|----------|----------------|--------|

## Section: Resource Questions

| Question   | Answer Choices   | Points |
|--|--|--------|
| By the end of the contract, the applicant will implement additional conservation activities across the operation that allows the producer to | Exceed the stewardship threshold for more than 3 additional resource concern categories on at least two land uses. | 100    |
|  | Exceed the stewardship threshold for 2 - 3 additional resource concern categories on at least two land uses.       | 90     |
|  | Exceed the stewardship threshold for one additional resource concern category on at least two land uses.           | 80     |
|  | Exceed the stewardship threshold for more than 3 additional resource concern categories on one land use.           | 70     |
|  | Exceed the stewardship threshold for 2 - 3 additional resource concern categories on one land use.                 | 60     |
|  | Meet the stewardship threshold for 2 - 3 additional resource concern categories on at least two land uses.         | 50     |
|  | Meet the stewardship threshold for one additional resource concern category on at least two land uses.             | 40     |
|  | Meet the stewardship threshold for 2 - 3 additional resource concern categories on one land use.                   | 30     |
|  | The applicant does not meet or exceed the stewardship thresholds as described in questions 1-8 under this section. | 0      |