

Ranking Pool: Agricultural Land - BFR FY24

Program: CStwP

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

Last Erin O'connor Modified By:

**Pool Status:** Active

**Template Status:** Active

Last 04/02/202

States: IL (Admin)

Modified: 4

#### **Land Uses and Modifiers**

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

### **Resource Concern Categories**

| Categories                                 |       |           |       |
|--|-------|-----------|-------|
| Category                                   | Min % | Default % | Max % |
| Air quality emissions                      | 0     | 2         | 30    |
| Aquatic habitat                            | 0     | 2         | 30    |
| Concentrated erosion                       | 0     | 5         | 30    |
| Degraded plant condition                   | 0     | 10        | 30    |
| Field pesticide loss                       | 0     | 5         | 30    |
| Field sediment, nutrient and pathogen loss | 0     | 15        | 30    |
| Inefficient energy use                     | 0     | 2         | 30    |
| Livestock production limitation            | 0     | 3         | 30    |
| Pest pressure                              | 0     | 2         | 30    |
| Soil quality limitations                   | 0     | 20        | 30    |
| Source water depletion                     | 0     | 5         | 30    |
| Storage and handling of pollutants         | 0     | 2         | 30    |
| Terrestrial habitat                        | 0     | 10        | 30    |
| Weather resilience                         | 0     | 2         | 30    |
| Wind and water erosion                     | 0     | 15        | 30    |

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| 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     | 100       | 100   |

| Concentrated erosion   |       |           |       |  |
|--|-------|-----------|-------|--|
| Resource Concern   | Min % | Default % | Max % |  |
| Bank erosion from streams, shorelines or water conveyance channels | 0     | 33        | 50    |  |
| Classic gully erosion  | 0     | 34        | 50    |  |
| Ephemeral gully erosion  | 0     | 33        | 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    |  |

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| 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     | 33        | 50    |
| Inadequate livestock shelter                                  | 0     | 33        | 50    |
| Inadequate livestock water quantity, quality and distribution | 0     | 34        | 50    |

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

| Soil quality limitations                  |       |           |       |  |
|---|-------|-----------|-------|--|
| Resource Concern                          | Min % | Default % | Max % |  |
| Aggregate instability                     | 0     | 25        | 50    |  |
| Compaction                                | 0     | 25        | 50    |  |
| Organic matter depletion                  | 0     | 25        | 50    |  |
| Soil organism habitat loss or degradation | 0     | 25        | 50    |  |

| Source water depletion           |       |           |       |
|----------------------------------|-------|-----------|-------|
| Resource Concern                 | Min % | Default % | Max % |
| Groundwater depletion            | 0     | 35        | 50    |
| Inefficient irrigation water use | 0     | 30        | 50    |
| Surface water depletion          | 0     | 35        | 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   |

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| Weather resilience               |       |           |       |
|----------------------------------|-------|-----------|-------|
| Resource Concern                 | Min % | Default % | Max % |
| Naturally available moisture use | 0     | 25        | 50    |
| Ponding and flooding             | 0     | 25        | 50    |
| Seasonal high water table        | 0     | 25        | 50    |
| Seeps                            | 0     | 25        | 50    |

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

### **Practices**

| Practice Name                                      | Practice Code | Practice Type             |
|--|---------------|---------------------------|
| Alley Cropping                                     | 311           | Conservation<br>Practices |
| Brush Management                                   | 314           | Conservation<br>Practices |
| Herbaceous Weed Treatment                          | 315           | Conservation<br>Practices |
| Conservation Cover                                 | 327           | Conservation<br>Practices |
| Conservation Crop Rotation                         | 328           | Conservation<br>Practices |
| Residue and Tillage Management, No Till            | 329           | Conservation<br>Practices |
| Amending Soil Properties with Gypsum Products      | 333           | Conservation<br>Practices |
| Prescribed Burning                                 | 338           | Conservation<br>Practices |
| Cover Crop   | 340           | Conservation<br>Practices |
| Critical Area Planting                             | 342           | Conservation<br>Practices |
| Residue and Tillage Management, Reduced Till       | 345           | Conservation<br>Practices |
| Energy Efficient Agricultural Operation            | 374           | Conservation<br>Practices |
| Pond   | 378           | Conservation<br>Practices |
| Windbreak/Shelterbelt Establishment and Renovation | 380           | Conservation<br>Practices |
| Silvopasture                                       | 381           | Conservation<br>Practices |
| Fence  | 382           | Conservation<br>Practices |
| Woody Residue Treatment                            | 384           | Conservation<br>Practices |

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| Practice Name                              | Practice Code | Practice Type             |
|--|---------------|---------------------------|
| Field Border                               | 386           | Conservation<br>Practices |
| Riparian Herbaceous Cover                  | 390           | Conservation<br>Practices |
| Riparian Forest Buffer                     | 391           | Conservation<br>Practices |
| Filter Strip                               | 393           | Conservation Practices    |
| Firebreak                                  | 394           | Conservation Practices    |
| Stream Habitat Improvement and Management  | 395           | Conservation Practices    |
| Aquatic Organism Passage                   | 396           | Conservation Practices    |
| Grade Stabilization Structure              | 410           | Conservation<br>Practices |
| Grassed Waterway                           | 412           | Conservation<br>Practices |
| Wildlife Habitat Planting                  | 420           | Conservation<br>Practices |
| Hedgerow Planting                          | 422           | Conservation<br>Practices |
| Irrigation Pipeline                        | 430           | Conservation<br>Practices |
| Irrigation System, Microirrigation         | 441           | Conservation<br>Practices |
| Sprinkler System                           | 442           | Conservation<br>Practices |
| Irrigation System, Surface and Subsurface  | 443           | Conservation<br>Practices |
| Irrigation and Drainage Tailwater Recovery | 447           | Conservation<br>Practices |
| Irrigation Water Management                | 449           | Conservation<br>Practices |
| Access Control                             | 472           | Conservation<br>Practices |
| Mulching                                   | 484           | Conservation<br>Practices |
| Tree/Shrub Site Preparation                | 490           | Conservation<br>Practices |
| Forage Harvest Management                  | 511           | Conservation<br>Practices |
| Pasture and Hay Planting                   | 512           | Conservation<br>Practices |
| Livestock Pipeline                         | 516           | Conservation Practices    |
| Prescribed Grazing                         | 528           | Conservation Practices    |
| Pumping Plant                              | 533           | Conservation Practices    |
| Drainage Water Management                  | 554           | Conservation Practices    |
| Roof Runoff Structure                      | 558           | Conservation Practices    |

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| Practice Name  | Practice Code | Practice Type             |
|--|---------------|---------------------------|
| Heavy Use Area Protection                            | 561           | Conservation<br>Practices |
| Stormwater Runoff Control                            | 570           | Conservation<br>Practices |
| Spring Development                                   | 574           | Conservation<br>Practices |
| Stream Crossing                                      | 578           | Conservation<br>Practices |
| Streambank and Shoreline Protection                  | 580           | Conservation<br>Practices |
| Structure for Water Control                          | 587           | Conservation<br>Practices |
| Nutrient Management                                  | 590           | Conservation<br>Practices |
| Pest Management Conservation System                  | 595           | Conservation<br>Practices |
| Saturated Buffer                                     | 604           | Conservation<br>Practices |
| Denitrifying Bioreactor                              | 605           | Conservation<br>Practices |
| Subsurface Drain                                     | 606           | Conservation<br>Practices |
| Tree/Shrub Establishment                             | 612           | Conservation<br>Practices |
| Watering Facility                                    | 614           | Conservation<br>Practices |
| Underground Outlet                                   | 620           | Conservation<br>Practices |
| Restoration of Rare or Declining Natural Communities | 643           | Conservation<br>Practices |
| Wetland Wildlife Habitat Management                  | 644           | Conservation<br>Practices |
| Upland Wildlife Habitat Management                   | 645           | Conservation<br>Practices |
| Shallow Water Development and Management             | 646           | Conservation<br>Practices |
| Early Successional Habitat Development-Mgt           | 647           | Conservation<br>Practices |
| Structures for Wildlife                              | 649           | Conservation<br>Practices |
| Tree-Shrub Pruning                                   | 660           | Conservation<br>Practices |
| Forest Stand Improvement                             | 666           | Conservation<br>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                   |
| Non-Irrigated Cropland (MRBI)                        | B000CPL13     | Bundles                   |
| YEAR 1 Irrigated Precision Ag Cropland (MRBI)        | B000CPL14     | Bundles                   |
| YEAR 2+ Irrigated Precision Ag Cropland (MRBI)       | B000CPL15     | Bundles                   |

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| Practice Name   | Practice Code | Practice Type                   |
|---|---------------|---------------------------------|
| 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                         |
| 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                         |
| Pasture Bundle 5  | B000PST5      | Bundles                         |
| Pasture Bundle #6 - Pasture   | B000PSTX      | Bundles                         |
| Comprehensive Conservation Plan   | E199A         | CStwP<br>Enhancements<br>(2018) |
| Existing Activity Payment-Land Use  | E300EAP1      | CStwP<br>Enhancements<br>(2018) |
| Existing Activity Payment-Resource Concern  | E300EAP2      | CStwP<br>Enhancements<br>(2018) |
| Brush management to improve wildlife habitat  | E314A         | CStwP<br>Enhancements<br>(2018) |
| Herbaceous weed treatment to create plant communities consistent with the ecological site | E315A         | CStwP<br>Enhancements<br>(2018) |
| Conservation cover for pollinators and beneficial insects                                 | E327A         | CStwP<br>Enhancements<br>(2018) |
| Establish Monarch butterfly habitat   | E327B         | CStwP<br>Enhancements<br>(2018) |
| Resource conserving crop rotation   | E328A         | CStwP<br>Enhancements<br>(2018) |
| Improved resource conserving crop rotation  | E328B         | CStwP<br>Enhancements<br>(2018) |
| Conservation crop rotation on recently converted CRP grass/legume cover                   | E328C         | CStwP<br>Enhancements<br>(2018) |

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| Practice Name  | Practice Code | Practice Type                   |
|--|---------------|---------------------------------|
| Leave standing grain crops unharvested to benefit wildlife                                     | E328D         | CStwP<br>Enhancements<br>(2018) |
| Soil health crop rotation  | E328E         | CStwP<br>Enhancements<br>(2018) |
| Modifications to improve soil health and increase soil organic matter                          | E328F         | CStwP<br>Enhancements<br>(2018) |
| Crop rotation on recently converted CRP grass/legume cover for soil organic matter improvement | E328G         | CStwP<br>Enhancements<br>(2018) |
| Forage harvest to reduce water quality impacts by utilization of excess soil nutrients         | E328I         | CStwP<br>Enhancements<br>(2018) |
| Improved crop rotation to provide benefits to pollinators                                      | E328J         | CStwP<br>Enhancements<br>(2018) |
| Multiple crop types to benefit wildlife  | E328K         | CStwP<br>Enhancements<br>(2018) |
| Leaving tall crop residue for wildlife   | E328L         | CStwP<br>Enhancements<br>(2018) |
| Diversify crop rotation with canola or sunflower to provide benefits to pollinators            | E328M         | CStwP<br>Enhancements<br>(2018) |
| Perennial Grain Conservation Crop Rotation   | E328O         | CStwP<br>Enhancements<br>(2018) |
| Low Nitrogen Requirement Annual Crop Rotation  | E328P         | CStwP<br>Enhancements<br>(2018) |
| No till to reduce soil erosion   | E329A         | CStwP<br>Enhancements<br>(2018) |
| No till to reduce tillage induced particulate matter   | E329B         | CStwP<br>Enhancements<br>(2018) |
| No till to increase plant-available moisture   | E329C         | CStwP<br>Enhancements<br>(2018) |
| No till system to increase soil health and soil organic matter content                         | E329D         | CStwP<br>Enhancements<br>(2018) |
| No till to reduce energy   | E329E         | CStwP<br>Enhancements<br>(2018) |
| No-till into green cover crop to improve soil organic matter quantity and quality              | E329F         | CStwP<br>Enhancements<br>(2018) |
| Strategically planned, patch burning for grazing distribution and wildlife habitat             | E338A         | CStwP<br>Enhancements<br>(2018) |
| Cover crop to reduce soil erosion  | E340A         | CStwP<br>Enhancements<br>(2018) |

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| Practice Name   |               | Practice Type                   |
|---|---------------|---------------------------------|
| Flactice Name   | Fractice Code |                                 |
| Intensive cover cropping to increase soil health and soil organic matter content                  | E340B         | CStwP<br>Enhancements<br>(2018) |
| Use of multi-species cover crops to improve soil health and increase soil organic matter          | E340C         | CStwP<br>Enhancements<br>(2018) |
| Intensive orchard/vineyard floor cover cropping to increase soil health                           | E340D         | CStwP<br>Enhancements<br>(2018) |
| Use of soil health assessment to assist with development of cover crop mix to improve soil health | E340E         | CStwP<br>Enhancements<br>(2018) |
| Cover crop to minimize soil compaction  | E340F         | CStwP<br>Enhancements<br>(2018) |
| Cover crop to reduce water quality degradation by utilizing excess soil nutrients                 | E340G         | CStwP<br>Enhancements<br>(2018) |
| Cover crop to suppress excessive weed pressures and break pest cycles                             | E340H         | CStwP<br>Enhancements<br>(2018) |
| Using cover crops for biological strip till   | E340I         | CStwP<br>Enhancements<br>(2018) |
| Reduced tillage to reduce soil erosion  | E345A         | CStwP<br>Enhancements<br>(2018) |
| Reduced tillage to reduce tillage induced particulate matter                                      | E345B         | CStwP<br>Enhancements<br>(2018) |
| Reduced tillage to increase plant-available moisture  | E345C         | CStwP<br>Enhancements<br>(2018) |
| Reduced tillage to increase soil health and soil organic matter content                           | E345D         | CStwP<br>Enhancements<br>(2018) |
| Reduced tillage to reduce energy use  | E345E         | CStwP<br>Enhancements<br>(2018) |
| Silvopasture to improve wildlife habitat  | E381A         | CStwP<br>Enhancements<br>(2018) |
| Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources             | E382A         | CStwP<br>Enhancements<br>(2018) |
| Installing electrical fence offsets and wire for cross-fencing to improve grazing management      | E382B         | CStwP<br>Enhancements<br>(2018) |
| Biochar production from woody residue   | E384A         | CStwP<br>Enhancements<br>(2018) |
| Enhanced field borders to reduce soil erosion along the edge(s) of a field                        | E386A         | CStwP<br>Enhancements<br>(2018) |
| Enhanced field borders to increase carbon storage along the edge(s) of the field                  | E386B         | CStwP<br>Enhancements<br>(2018) |

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| Practice Name  |               | Practice Type                   |
|--|---------------|---------------------------------|
| Fractice Indille   | Fractice Code |                                 |
| Enhanced field borders to decrease particulate emissions along the edge(s) of the field        | E386C         | CStwP<br>Enhancements<br>(2018) |
| Enhanced field borders to increase food for pollinators along the edge(s) of a field           | E386D         | CStwP<br>Enhancements<br>(2018) |
| Enhanced field borders to increase wildlife food and habitat along the edge(s) of a field      | E386E         | CStwP<br>Enhancements<br>(2018) |
| Increase riparian herbaceous cover width for sediment and nutrient reduction                   | E390A         | CStwP<br>Enhancements<br>(2018) |
| Increase riparian herbaceous cover width to enhance wildlife habitat                           | E390B         | CStwP<br>Enhancements<br>(2018) |
| Increase riparian forest buffer width for sediment and nutrient reduction                      | E391A         | CStwP<br>Enhancements<br>(2018) |
| Increase stream shading for stream temperature reduction                                       | E391B         | CStwP<br>Enhancements<br>(2018) |
| Increase riparian forest buffer width to enhance wildlife habitat                              | E391C         | CStwP<br>Enhancements<br>(2018) |
| Extend existing filter strip to reduce water quality impacts                                   | E393A         | CStwP<br>Enhancements<br>(2018) |
| Stream habitat improvement through placement of woody biomass                                  | E395A         | CStwP<br>Enhancements<br>(2018) |
| Fishpond management for native aquatic and terrestrial species                                 | E399A         | CStwP<br>Enhancements<br>(2018) |
| Enhance a grassed waterway   | E412A         | CStwP<br>Enhancements<br>(2018) |
| Establish pollinator habitat   | E420A         | CStwP<br>Enhancements<br>(2018) |
| Establish monarch butterfly habitat  | E420B         | CStwP<br>Enhancements<br>(2018) |
| Complete pumping plant evaluation for water savings  | E449A         | CStwP<br>Enhancements<br>(2018) |
| Alternated Wetting and Drying (AWD) of rice fields   | E449B         | CStwP<br>Enhancements<br>(2018) |
| Advanced Automated IWM - Year 2-5, soil moisture monitoring                                    | E449C         | CStwP<br>Enhancements<br>(2018) |
| Advanced Automated IWM - Year 1, Equipment and soil moisture or water level monitoring         | E449D         | CStwP<br>Enhancements<br>(2018) |
| Convert from Cascade to Furrow Irrigated Rice Production – reduce irrigation water consumption | E449E         | CStwP<br>Enhancements<br>(2018) |

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

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| Practice Name  | <b>Practice Code</b> | Practice Type                   |
|--|----------------------|---------------------------------|
| Establish wildlife corridors to provide habitat continuity or access to water                        | E512J                | CStwP<br>Enhancements<br>(2018) |
| Diversifying Forage Base with Interseeding Forbs and Legumes to Increase Pasture Quality             | E512L                | CStwP<br>Enhancements<br>(2018) |
| Forage Plantings that Improve Wildlife Habitat Cover and Shelter or Structure and Composition        | E512M                | CStwP<br>Enhancements<br>(2018) |
| Maintaining quantity and quality of forage for animal health and productivity                        | E528A                | CStwP<br>Enhancements<br>(2018) |
| Grazing management that improves monarch butterfly habitat   | E528B                | CStwP<br>Enhancements<br>(2018) |
| Incorporating wildlife refuge areas in contingency plans for wildlife.                               | E528C                | CStwP<br>Enhancements<br>(2018) |
| Grazing management for improving quantity and quality of food or cover and shelter for wildlife      | E528D                | CStwP<br>Enhancements<br>(2018) |
| Improved grazing management for enhanced plant structure and composition for wildlife                | E528E                | CStwP<br>Enhancements<br>(2018) |
| Stockpiling cool season forage to improve structure and composition or plant productivity and health | E528F                | CStwP<br>Enhancements<br>(2018) |
| Improved grazing management on pasture for plant productivity and health with monitoring activities  | E528G                | CStwP<br>Enhancements<br>(2018) |
| Prescribed grazing to improve/maintain riparian and watershed function-elevated water temperature    | E528H                | CStwP<br>Enhancements<br>(2018) |
| Grazing management that protects sensitive areas -surface or ground water from nutrients             | E528I                | CStwP<br>Enhancements<br>(2018) |
| Prescribed grazing on pastureland that improves riparian and watershed function                      | E528J                | CStwP<br>Enhancements<br>(2018) |
| Prescribed grazing that improves or maintains riparian and watershed function-erosion                | E528L                | CStwP<br>Enhancements<br>(2018) |
| Grazing management that protects sensitive areas from gully erosion                                  | E528M                | CStwP<br>Enhancements<br>(2018) |
| Clipping mature forages to set back vegetative growth for improved forage quality                    | E528O                | CStwP<br>Enhancements<br>(2018) |
| Implementing Bale or Swath Grazing to increase organic matter and reduce nutrients in surface water  | E528P                | CStwP<br>Enhancements<br>(2018) |
| Use of body condition scoring for livestock on a monthly basis to keep track of herd health          | E528Q                | CStwP<br>Enhancements<br>(2018) |
| Management Intensive Rotational Grazing  | E528R                | CStwP<br>Enhancements<br>(2018) |

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| Practice Name  |               | Practice Type                   |
|--|---------------|---------------------------------|
| Fractice Name  | Fractice Code |                                 |
| Soil Health Improvements on Pasture  | E528S         | CStwP<br>Enhancements<br>(2018) |
| Advanced Pumping Plant Automation  | E533A         | CStwP<br>Enhancements<br>(2018) |
| Complete pumping plant evaluation for energy savings   | E533B         | CStwP<br>Enhancements<br>(2018) |
| Install VFDs on pumping plants   | E533C         | CStwP<br>Enhancements<br>(2018) |
| Switch fuel source for pumps   | E533D         | CStwP<br>Enhancements<br>(2018) |
| Enhanced rain garden for wildlife  | E570A         | CStwP<br>Enhancements<br>(2018) |
| Stream crossing elimination  | E578A         | CStwP<br>Enhancements<br>(2018) |
| Stream corridor bank stability improvement   | E580A         | CStwP<br>Enhancements<br>(2018) |
| Stream corridor bank vegetation improvement  | E580B         | CStwP<br>Enhancements<br>(2018) |
| Improving nutrient uptake efficiency and reducing risk of nutrient losses                          | E590A         | CStwP<br>Enhancements<br>(2018) |
| Reduce risks of nutrient loss to surface water by utilizing precision agriculture technologies     | E590B         | CStwP<br>Enhancements<br>(2018) |
| Improving nutrient uptake efficiency and reducing risk of nutrient losses on pasture               | E590C         | CStwP<br>Enhancements<br>(2018) |
| Reduce nutrient loss by increasing setback awareness via precision technology for water quality    | E590D         | CStwP<br>Enhancements<br>(2018) |
| Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques | E595A         | CStwP<br>Enhancements<br>(2018) |
| Reduce risk of pesticides in water and air by utilizing IPM PAMS techniques                        | E595B         | CStwP<br>Enhancements<br>(2018) |
| Increase the size requirement of refuges planted to slow pest resistance to Bt crops               | E595D         | CStwP<br>Enhancements<br>(2018) |
| Eliminate use of chemical treatments to control pests and to increase the presence of dung beetles | E595E         | CStwP<br>Enhancements<br>(2018) |
| Improving Soil Organism Habitat on Agricultural Land   | E595F         | CStwP<br>Enhancements<br>(2018) |
| Reduced resistance risk by utilizing PAMS techniques   | E595G         | CStwP<br>Enhancements<br>(2018) |

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| Practice Name   | <b>Practice Code</b> | Practice Type                   |
|---|----------------------|---------------------------------|
| Adding food-producing trees and shrubs to existing plantings                                      | E612D                | CStwP<br>Enhancements<br>(2018) |
| Cultural plantings  | E612E                | CStwP<br>Enhancements<br>(2018) |
| Tree/shrub planting for wildlife food   | E612G                | CStwP<br>Enhancements<br>(2018) |
| Restore glade habitat to benefit threatened and endangered species and state species of concern   | E643C                | CStwP<br>Enhancements<br>(2018) |
| Managing Flood-Irrigated Landscapes for Wildlife  | E644A                | CStwP<br>Enhancements<br>(2018) |
| Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat      | E645A                | CStwP<br>Enhancements<br>(2018) |
| Manage existing shrub thickets to provide adequate shelter for wildlife                           | E645B                | CStwP<br>Enhancements<br>(2018) |
| Edge feathering for wildlife cover  | E645C                | CStwP<br>Enhancements<br>(2018) |
| Wildlife Habitat Management Plan for Upland Landscapes  | E645D                | CStwP<br>Enhancements<br>(2018) |
| Extend retention of captured rainfall for migratory waterfowl and wading bird late winter habitat | E646B                | CStwP<br>Enhancements<br>(2018) |
| Manipulate vegetation and maintain closed structures for shorebirds mid-summer habitat            | E646C                | CStwP<br>Enhancements<br>(2018) |
| Manipulate vegetation and maintain closed structures for shorebird late summer habitat            | E646D                | CStwP<br>Enhancements<br>(2018) |
| Manipulate vegetation on fields with captured rainfall for waterfowl & wading bird winter habitat | E647A                | CStwP<br>Enhancements<br>(2018) |
| Provide early successional shorebird habitat between first crop and ratoon crop                   | E647B                | CStwP<br>Enhancements<br>(2018) |
| Maintain most soil vegetation on cropland edges to enhance waterfowl and shorebird habitat        | E647C                | CStwP<br>Enhancements<br>(2018) |
| Establish and maintain early successional habitat in ditches and bank borders                     | E647D                | CStwP<br>Enhancements<br>(2018) |
| Increase on-site carbon storage   | E666H                | CStwP<br>Enhancements<br>(2018) |
| Crop tree management for mast production  | E666I                | CStwP<br>Enhancements<br>(2018) |
| Facilitating oak forest regeneration  | E666J                | CStwP<br>Enhancements<br>(2018) |

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| Practice Name  | Practice Code | Practice Type                   |
|--|---------------|---------------------------------|
| Creating structural diversity with patch openings              | E666K         | CStwP<br>Enhancements<br>(2018) |
| Snags, den trees, and coarse woody debris for wildlife habitat | E666O         | CStwP<br>Enhancements<br>(2018) |
| Summer roosting habitat for native forest-dwelling bat species | E666P         | CStwP<br>Enhancements<br>(2018) |
| Forest songbird habitat preservation                           | E666R         | CStwP<br>Enhancements<br>(2018) |

### **Ranking Weights**

| Factors                  | Algorithm      | Allowable Min | Default | Allowable Max |
|--------------------------|----------------|---------------|---------|---------------|
| Vulnerabilities          | Adjustment (A) | 5             | 10      | 10            |
| Planned Practice Effects | Adjustment (C) | 35            | 35      | 50            |
| Resource Priorities      | Default        | 15            | 20      | 35            |
| Program Priorities       | Default        | 15            | 25      | 35            |
| Efficiencies             | Default        | 10            | 10      | 10            |

## Display Group: IL Ag Land - BFR FY24 (Active)

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

### **Survey: Applicability Questions**

| Section: Applicablity Question  |                |        |
|---|----------------|--------|
| Question  | Answer Choices | Points |
| Is the application a CSP classic application where the applicant  | YES            |        |
| self-certified as a beginning farmer or rancher on the NRCS-CPA-1200, Conservation Program Application? | NO             |        |

### **Survey: Category Questions**

| Section: Category Questions                             |                |        |
|---|----------------|--------|
| Question  | Answer Choices | Points |
| Is a portion of the agricultural operation in Illinois? | Yes            |        |
|   | No             |        |

### **Survey: Program Questions**

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| Section: Program Question   |                |        |
|---|----------------|--------|
| Question  | Answer Choices | Points |
| 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      |
| Has the applicant had a CSP contract terminated in the last 3 years?  | YES            | -100   |
|   | NO             | 0      |

# **Survey: Resource Questions**

| Question  | Answer Choices   | Points |
|---|--|--------|
|   | 8 state priority resource concern categories are met.                | 80     |
|   | 7 state priority resource concern categories are met.                | 70     |
|   | 6 state priority resource concern categories are met.                | 60     |
| Using the CSP CART report, identify one land use (excluding AAL and   | 5 state priority resource concern categories are met.                | 50     |
| Farmstead) with the land use group that has the largest number of state priority resource concern categories met at the time of         | 4 state priority resource concern categories are met.                | 40     |
| application, choose the response that is the best match.  | 3 state priority resource concern categories are met.                | 30     |
|   | 2 state priority resource concern categories are met.                | 20     |
|   | 1 state priority resource concern category is met.                   | 10     |
|   | Not applicable.  | 0      |
|   | 8 state priority resource concern categories will be met or exceeds. | 80     |
|   | 7 state priority resource concern categories will be met or exceeds. | 70     |
|   | 6 state priority resource concern categories will be met or exceeds. | 60     |
| Using the CSP CART report, identify one land use (excluding AAL and   | 5 state priority resource concern categories will be met or exceeds. | 50     |
| Farmstead) with the land use group that has the smallest number of state priority resource concern categories met or exceeds by the end | 4 state priority resource concern categories will be met or exceeds. | 40     |
| of the contract, choose the response that is the best match.  | 3 state priority resource concern categories will be met or exceeds. | 30     |
|   | 2 state priority resource concern categories will be met or exceeds. | 20     |
|   | 1 state priority resource concern category will be met or exceeds.   | 10     |
|   | Not applicable.  | 0      |

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