



Ranking Pool Report

Ranking Pool: IRA NIPF BFR-FY24 CSP Renewal NM

Program: CStwP

Pool Status: Draft

States: NM (Admin)

Template: CSP General National Ranking Template - Amended October 2022

Template Status: Active

Last Modified By: Martin Meairs

Last Modified: 10/16/2023
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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 | 2 | 30 |
| Aquatic habitat | 0 | 5 | 30 |
| Concentrated erosion | 0 | 10 | 30 |
| Degraded plant condition | 0 | 15 | 30 |
| Field pesticide loss | 0 | 2 | 30 |
| Field sediment, nutrient and pathogen loss | 0 | 2 | 30 |
| Fire management | 0 | 12 | 30 |
| Inefficient energy use | 0 | 5 | 30 |
| Livestock production limitation | 0 | 10 | 30 |
| Pest pressure | 0 | 5 | 30 |
| Salt losses to water | 0 | -- | 30 |
| Soil quality limitations | 0 | 2 | 30 |
| Source water depletion | 0 | 2 | 30 |
| Storage and handling of pollutants | 0 | 1 | 30 |
| Terrestrial habitat | 0 | 15 | 30 |
| Weather resilience | 0 | 2 | 30 |
| Wind and water erosion | 0 | 10 | 30 |

Air quality emissions

| Resource Concern | Min % | Default % | Max % |
|--|-------|-----------|-------|
| Emissions of airborne reactive nitrogen | 0 | 25 | 50 |
| Emissions of greenhouse gases - GHGs | 0 | 25 | 50 |
| Emissions of ozone precursors | 0 | 25 | 50 |
| Emissions of particulate matter (PM) and PM precursors | 0 | 25 | 50 |
| Objectionable odor | 0 | -- | 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 | 50 | 50 |
| Classic gully erosion | 0 | 50 | 50 |
| Ephemeral gully erosion | 0 | -- | 50 |

Degraded plant condition

| Resource Concern | Min % | Default % | Max % |
|---------------------------------|-------|-----------|-------|
| Plant productivity and health | 0 | 30 | 100 |
| Plant structure and composition | 0 | 70 | 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 | 5 | 50 |
| Pathogens and chemicals from manure, biosolids or compost applications transported to surface water | 0 | 5 | 50 |
| Sediment transported to surface water | 0 | 50 | 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 | 50 | 50 |
| Inadequate livestock shelter | 0 | -- | 50 |
| Inadequate livestock water quantity, quality and distribution | 0 | 50 | 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 | 20 | 50 |
| Compaction | 0 | 20 | 50 |
| Concentration of salts or other chemicals | 0 | 5 | 50 |
| Organic matter depletion | 0 | 25 | 50 |
| Soil organism habitat loss or degradation | 0 | 30 | 50 |
| Subsidence | 0 | -- | 50 |

Source water depletion

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

Storage and handling of pollutants

| Resource Concern | Min % | Default % | Max % |
|---|-------|-----------|-------|
| Nutrients transported to groundwater | 0 | 40 | 50 |
| Nutrients transported to surface water | 0 | 40 | 50 |
| Petroleum, heavy metals and other pollutants transported to groundwater | 0 | 10 | 50 |
| Petroleum, heavy metals and other pollutants transported to surface water | 0 | 10 | 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 | 50 | 50 |
| Ponding and flooding | 0 | 30 | 50 |
| Seasonal high water table | 0 | -- | 50 |
| Seeps | 0 | -- | 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 |
| Conservation Cover | 327 | Conservation Practices |
| Conservation Crop Rotation | 328 | Conservation Practices |
| Residue and Tillage Management, No Till | 329 | Conservation Practices |
| Prescribed Burning | 338 | Conservation Practices |
| Cover Crop | 340 | Conservation Practices |

| Practice Name | Practice Code | Practice Type |
|--|----------------------|------------------------|
| Critical Area Planting | 342 | Conservation Practices |
| Residue and Tillage Management, Reduced Till | 345 | Conservation Practices |
| Energy Efficient Agricultural Operation | 374 | Conservation Practices |
| Windbreak/Shelterbelt Establishment and Renovation | 380 | Conservation Practices |
| Silvopasture | 381 | 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 |
| Grassed Waterway | 412 | Conservation Practices |
| 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 Water Management | 449 | Conservation Practices |
| Mulching | 484 | Conservation Practices |
| Pasture and Hay Planting | 512 | Conservation Practices |
| Prescribed Grazing | 528 | Conservation Practices |
| Pumping Plant | 533 | Conservation Practices |
| Range Planting | 550 | Conservation Practices |
| Nutrient Management | 590 | Conservation Practices |
| Tree/Shrub Establishment | 612 | Conservation Practices |
| Restoration of Rare or Declining Natural Communities | 643 | Conservation Practices |
| Forest Stand Improvement | 666 | Conservation Practices |

| Practice Name | Practice Code | Practice Type |
|---|---------------|---------------------------|
| Buffer Bundle#1 | B000BFF1 | Bundles |
| Crop Bundle #24 - Cropland Soil Health Management System | B000CPL24 | Bundles |
| Climate Smart Advanced Soil Health | B000CPL25 | Bundles |
| Existing Activity Payment-Land Use | E300EAP1 | CStwP Enhancements (2018) |
| Existing Activity Payment-Resource Concern | E300EAP2 | CStwP Enhancements (2018) |
| 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) |
| Soil health crop rotation | E328E | CStwP Enhancements (2018) |
| Modifications to improve soil health and increase soil organic matter | E328F | CStwP Enhancements (2018) |
| Intercropping to Improve Soil Health | E328N | CStwP Enhancements (2018) |
| Perennial Grain Conservation Crop Rotation | E328O | 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) |

| Practice Name | Practice Code | Practice Type |
|--|---------------|---------------------------|
| Strategically planned, patch burning for grazing distribution and wildlife habitat | E338A | 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) |
| 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) |
| Using cover crops for biological strip till | E340I | 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) |
| Silvopasture to improve wildlife habitat | E381A | 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) |

| Practice Name | Practice Code | Practice Type |
|---|---------------|---------------------------|
| Enhanced field borders to decrease particulate emissions along the edge(s) of the field | E386C | CStwP Enhancements (2018) |
| 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) |
| Enhance a grassed waterway | E412A | CStwP Enhancements (2018) |
| Establish pollinator habitat | E420A | CStwP Enhancements (2018) |
| Establish monarch butterfly habitat | E420B | CStwP Enhancements (2018) |
| Alternated Wetting and Drying (AWD) of rice fields | E449B | 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) |
| 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) |

| Practice Name | Practice Code | Practice Type |
|--|---------------|---------------------------|
| 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) |
| 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) |
| 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) |
| 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) |
| 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) |
| Install VFDs on pumping plants | E533C | CStwP Enhancements (2018) |


| Practice Name | Practice Code | Practice Type |
|---|---------------|---------------------------|
| 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) |
| 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) |
| Planting for high carbon sequestration rate | E612B | CStwP Enhancements (2018) |
| Establishing tree/shrub species to restore native plant communities | E612C | CStwP Enhancements (2018) |
| Tree/shrub planting for wildlife food | E612G | 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) |
| 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) |
| Forest Stand Improvement to rehabilitate degraded hardwood stands | E666L | CStwP Enhancements (2018) |

| Practice Name | Practice Code | Practice Type |
|--|---------------|---------------------------|
| Summer roosting habitat for native forest-dwelling bat species | E666P | CStwP Enhancements (2018) |
| Forest songbird habitat preservation | E666R | 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 | 35 | 35 |
| Program Priorities | Default | 15 | 15 | 35 |
| Efficiencies | Default | 10 | 10 | 10 |

Display Group: IRA NIPF BFR-FY24 CSP Renewal NM (Draft)

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

Survey: Applicability Questions

| Section: New Mexico NIPF Operation | | |
|--|----------------|--------|
| Question | Answer Choices | Points |
| Is most of the land in the operation located in New Mexico and this application will address an IRA resource concern by including at least ONE CORE CSAF activity? | YES | -- |
| | NO | -- |

| Section: hu bfr | | |
|---|----------------|--------|
| Question | Answer Choices | Points |
| 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: Renewal | | |
|--|----------------|--------|
| Question | Answer Choices | Points |
| Is this application eligible for NIPF? | YES | -- |
| | NO | -- |

Survey: Program Questions

| Section: National Priorities | | |
|---|----------------|--------|
| Question | Answer Choices | Points |
| Will an activity be contracted in a source water priority area? | YES | 75 |
| | 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 |
| Does the applicant meet the NRCS definition of a veteran farmer or rancher (VFR)? | YES | 20 |
| | NO | 0 |

| Section: Percent of operation with an activity scheduled | | |
|--|----------------|--------|
| Question | Answer Choices | Points |
| What percent of the operation will have an activity scheduled with this application? | 75% or more | 100 |
| | 50-74% | 85 |
| | 25-49% | 60 |
| | 10-24% | 35 |
| | Less than 10% | 0 |

Survey: Resource Questions

| Section: Priority Resource Concerns | | |
|--|---|--------|
| Question | Answer Choices | Points |
| At the time of application, how many State priority resource concerns categories are met on forest land? The State priority resource concerns for NIPF are concentrated erosion, degraded plant condition, fire management, inefficient energy use, livestock production limitation, pest pressure, terrestrial habitat, and wind and water erosion. | 6 or more State priority resource concerns are met | 25 |
| | 5 State priority resource concerns are met | 20 |
| | 4 State priority resource concerns are met | 15 |
| | 3 State priority resource concerns are met | 10 |
| | 2 State priority resource concerns are met | 5 |
| | 1 or no State priority resource concerns met, no points | 0 |
| By the end of the contract, how many State priority resource concerns will be addressed with a conservation activity on forest land? This is the number of state priority resource concern categories that go from not met to met and from met to exceeded at the end of the contract. | 6 or more State priority resource concerns will be improved | 35 |
| | 5 State priority resource concerns will be improved | 28 |
| | 4 State priority resource concerns will be improved | 21 |
| | 3 State priority resource concerns will be improved | 14 |
| | 2 State priority resource concerns will be improved | 7 |
| | 1 or no State priority resource concerns will be improved | 0 |

Section: Priority Practices

| Question | Answer Choices | Points |
|--|---|--------|
| How many core Climate-Smart Agriculture and Forestry (CSAF) Mitigation Activity(ies) will be implemented in the application? | Four or more Core CSAF Mitigation Activities | 100 |
| | Three Core CSAF Mitigation Activities | 75 |
| | Two Core CSAF Mitigation Activities | 50 |
| | One Core CSAF Mitigation Activities | 25 |
| | This application does not contain a CSAF Mitigation Activity. NOT ELIGIBLE FOR IRA-CSP. | -200 |
| Will a contracted activity improve habitat for wildlife or reduce the risk of pest damage to trees? | YES | 10 |
| | NO | 0 |
| Will the threat of wildfire be reduced with a contracted activity (Fuel break, fire break, forest stand improvement, woody residue treatment, etc.)? | YES | 20 |
| | NO | 0 |
| Will All Activities (Practices or Enhancements) be scheduled for adoption by year 3? | YES | 10 |
| | NO | 0 |