



Ranking Pool Report

Ranking Pool CO FY25 IRA ACT NOW Cropland
Soil Health

Program EQIP

Pool Status Active

Tags ACT NOW, IRA

Template IRA EQIP

Template Status Active

Existing Practice Included No

Last Modified By Kindra Brandner

Last Modified 12/02/2024

National Pool No

Include States CO (Admin)

Land Uses and Modifiers

| Land Use | Grazed | Wildlife | Irrigated | Hayed | Drained | Organic | Water Feature | Protected | Urban | Aquaculture |
|----------|--------|----------|-----------|-------|---------|---------|---------------|-----------|-------|-------------|
| Crop | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Resource Concern Categories

| Categories | | | |
|--------------------------|-------|-----------|-------|
| Category | Min % | Default % | Max % |
| Air quality emissions | 0 | 25 | 100 |
| Concentrated erosion | 0 | 5 | 100 |
| Soil quality limitations | 0 | 45 | 100 |
| Wind and water erosion | 0 | 25 | 100 |

| Air quality emissions | | | |
|--|-------|-----------|-------|
| Resource Concern | Min % | Default % | Max % |
| Emissions of greenhouse gases - GHGs | 0 | 60 | 100 |
| Emissions of particulate matter (PM) and PM precursors | 0 | 40 | 100 |

| Concentrated erosion | | | |
|-------------------------|-------|-----------|-------|
| Resource Concern | Min % | Default % | Max % |
| Ephemeral gully erosion | 0 | 100 | 100 |

| Soil quality limitations | | | |
|--------------------------|-------|-----------|-------|
| Resource Concern | Min % | Default % | Max % |
| Aggregate instability | 0 | 30 | 100 |
| Organic matter depletion | 0 | 40 | 100 |

Soil quality limitations

| Resource Concern | Min % | Default % | Max % |
|---|-------|-----------|-------|
| Soil organism habitat loss or degradation | 0 | 30 | 100 |

Wind and water erosion

| Resource Concern | Min % | Default % | Max % |
|------------------------|-------|-----------|-------|
| Sheet and rill erosion | 0 | 25 | 100 |
| Wind erosion | 0 | 75 | 100 |

Practices


| Practice Name | Practice Code | Practice Narratives | Practice Type |
|--|---------------|---------------------|------------------------|
| Wildlife Habitat Planting | 420 | 00N | Conservation Practices |
| Soil Carbon Amendment | 336 | 01N, 00N, 02N | Conservation Practices |
| Conservation Cover | 327 | 01N, 00N-CRP-R, 00N | Conservation Practices |
| Conservation Crop Rotation | 328 | 00N | Conservation Practices |
| Contour Buffer Strips | 332 | 00N, 00N-CRP-R | Conservation Practices |
| Cover Crop | 340 | 01N, 00N | Conservation Practices |
| Field Border | 386 | 00N | Conservation Practices |
| Filter Strip | 393 | 00N, 00N-CRP-R, 01N | Conservation Practices |
| Grassed Waterway | 412 | 00N, 00N-CRP-R | Conservation Practices |
| Mulching | 484 | 02N | Conservation Practices |
| Stripcropping | 585 | 00N | Conservation Practices |
| Nutrient Management | 590 | 06N, 00N, 08N, 07N | Conservation Practices |
| Herbaceous Wind Barriers | 603 | 00N | Conservation Practices |
| Residue and Tillage Management, No Till | 329 | 01N, 00N | Conservation Practices |
| Residue and Tillage Management, Reduced Till | 345 | 00N | Conservation Practices |

Ranking Weights

| Factors | Algorithm | Allowable Min | Default | Allowable Max |
|---------|-----------|---------------|---------|---------------|
|---------|-----------|---------------|---------|---------------|

| Factors | Algorithm | Allowable Min | Default | Allowable Max |
|--------------------------|----------------|---------------|---------|---------------|
| Vulnerabilities | Default | 10 | 20 | 40 |
| Planned Practice Effects | Adjustment (D) | 15 | 15 | 15 |
| Resource Priorities | Default | 20 | 50 | 60 |
| Program Priorities | Default | 5 | 5 | 15 |
| Efficiencies | Default | 10 | 10 | 10 |

Display Group: CO FY25 IRA ACT NOW Soil Health (Active)

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

Survey: Applicability Questions

| Section: Applicability | | |
|---|-----------------------------------|--------|
| Question | Answer Choices | Points |
| The majority of the planned land units are located in Colorado? | Yes located in Colorado | -- |
| | Otherwise not located in Colorado | -- |

Survey: Category Questions

| Section: Category | | |
|---|----------------|--------|
| Question | Answer Choices | Points |
| The majority of the plu's are located in the following Area | Area 1 | -- |
| | Area 2 | -- |
| | Area 3 | -- |

Survey: Program Questions

| Section: Program | | |
|---|---|--------|
| Question | Answer Choices | Points |
| Does the project aim to implement a soil health management system that includes a collection of NRCS conservation practices that focus on maintaining or enhancing soil health by addressing four soil health principles: minimize disturbance, maximize soil cover, maximize biodiversity and maximize the presence of living roots? | Yes, implementing a full SHMS | 100 |
| | No, only addressing 2-3 principles or soil health | 75 |
| | No, only addressing 1 principle of soil health | 25 |
| | No soil health principles being addressed | 0 |
| Will the proposed project result in the implementation of all conservation practices scheduled on the NRCS-CPA-1155 within three years not to exceed July 2028? | YES | 100 |
| | NO | 0 |

Survey: Resource Questions

| Section: Resource Questions* | | |
|---|--|--------|
| Question | Answer Choices | Points |
| 1. How many crops are in rotation? | Crop rotation includes five different crops | 30 |
| | Crop rotation includes four different crops | 20 |
| | Crop rotation includes three different crops | 10 |
| | Crop rotation includes two crops or producer not implementing rotation (single crop) | 0 |
| 2. Will the project include planting a multi-species cover crop? | Cover crop planting includes multiple species. Six or more species being planted, which include 2 or 3 of these plant groups: grass, forb, legume. | 30 |
| | Cover crop planting includes multiple species, which include 2 or 3 of these plant groups: grass, forb, legume. | 20 |
| | Cover crop planting includes single species or single plant group, grass, forb, legume. | 10 |
| | Project does not include cover crops. | 0 |
| 3. Will the project include practices that will reduce the amount of soil disturbance compared to the benchmark condition? | Practices will eliminate tillage | 30 |
| | Practices will reduce tillage | 10 |
| | Practices will not change soil disturbance from benchmark condition. | 0 |
| 4. Will this project include practices that will manage nutrients by utilizing split applications, enhanced efficiency nitrogen fertilizers, precision nutrient management techniques or reduced application rates? | YES | 20 |
| | NO | 0 |
| 5. Does this project include practices that will increase the amount of vegetative cover and residue left on the soil surface compared to benchmark conditions? | Soil will be covered throughout the year with adequate cover or residue. | 25 |
| | Soil will be covered 75% of the year with adequate cover or residue | 10 |
| | Soil will be covered <50% of the year with adequate cover or residue | 0 |
| 6. Does the rotation include high residue crops or include the planting of a cover crop following low residue crops? | YES | 15 |
| | NO | 0 |
| 7. Does this project include practices that will increase the amount of time that a living root is in the system compared to the benchmark? | YES | 15 |
| | NO | 0 |
| 8. Does this project include the incorporation of livestock into the system? | YES | 10 |
| | NO | 0 |
| 9. Does this project include practices that will plant some acres back to permanent vegetative cover to increase carbon sequestration and build soil health? | YES | 25 |
| | NO | 0 |

Detailed Assessments

| Name | Type | Jurisdiction | Status |
|------|------|--------------|--------|
|------|------|--------------|--------|