



# Ranking Pool Report

**Ranking** NM FY24 Team 11 IRA Act Now Irrigated  
**Pool:** Cropland

**Program:** EQIP

**Pool Status:** Active

**States:** NM (Admin)

**Template:** EQIP General National Ranking Template -  
 Amended October 2023

**Template Status:** Active

**Last Modified By:** Margaret Gnann

**Last Modified:** 01/17/2024  
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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	--	--	--	--	--
Crop	--	--	x	--	--	--	--	--	--	--
Pasture	--	--	--	--	--	--	--	--	--	--
Range	--	--	N/A	--	N/A	--	--	--	--	--
Water	N/A	--	N/A	N/A	N/A	--	--	--	--	--

## Resource Concern Categories

Categories			
Category	Min %	Default %	Max %
Air quality emissions	0	5	100
Aquatic habitat	0	5	100
Degraded plant condition	0	5	100
Field sediment, nutrient and pathogen loss	0	5	100
Fire management	0	5	100
Inefficient energy use	0	10	100
Pest pressure	0	5	100
Soil quality limitations	0	30	100
Terrestrial habitat	0	30	100

Air quality emissions			
Resource Concern	Min %	Default %	Max %
Emissions of airborne reactive nitrogen	0	20	100
Emissions of greenhouse gases - GHGs	0	20	100
Emissions of ozone precursors	0	20	100

## Air quality emissions

Resource Concern	Min %	Default %	Max %
Emissions of particulate matter (PM) and PM precursors	0	20	100
Objectionable odor	0	20	100

## Aquatic habitat

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

## Degraded plant condition

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

## Field sediment, nutrient and pathogen loss

Resource Concern	Min %	Default %	Max %
Nutrients transported to groundwater	0	20	100
Nutrients transported to surface water	0	20	100
Pathogens and chemicals from manure, biosolids or compost applications transported to groundwater	0	20	100
Pathogens and chemicals from manure, biosolids or compost applications transported to surface water	0	20	100
Sediment transported to surface water	0	20	100

## 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

## Pest pressure

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

## Soil quality limitations

Resource Concern	Min %	Default %	Max %
Aggregate instability	0	15	100
Compaction	0	20	100
Concentration of salts or other chemicals	0	15	80
Organic matter depletion	0	20	100
Soil organism habitat loss or degradation	0	20	100
Subsidence	0	10	100

## Terrestrial habitat

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

## Practices

Practice Name	Practice Code	Practice Type
Brush Management	314	Conservation Practices
Herbaceous Weed Treatment	315	Conservation Practices
Conservation Cover	327	Conservation Practices
Residue and Tillage Management, No Till	329	Conservation Practices
Prescribed Burning	338	Conservation Practices
Critical Area Planting	342	Conservation Practices
Combustion System Improvement	372	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
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

Practice Name	Practice Code	Practice Type
Hedgerow Planting	422	Conservation Practices
Irrigation Pipeline	430	Conservation Practices
Sprinkler System	442	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
Energy Efficient Lighting System	670	Conservation Practices
Energy Efficient Building Envelope	672	Conservation Practices

## Ranking Weights

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

## Display Group: NM FY24 Team 11 IRA Act Now Irrigated Cropland (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

Section: Applicability		
Question	Answer Choices	Points
Is the majority of the project 75% located within the Yellow House Draw (12050001); Running Water Draw (12050005); Blackwater Draw (12050002); or Tierra Blanca (11120101) watershed located in Team 11?	YES	--
	NO	--

### Survey: Category Questions

Section: Category Questions		
Question	Answer Choices	Points
Will this application address at least one CSAF Practice included within this ranking pool?	YES	--
	NO	--

### Survey: Program Questions

Section: Program Questions		
Question	Answer Choices	Points
How many CSAF practices will be planned in this application?	The application contains three or more core practices.	30
	The application contains two core practices.	20
	The application contains one core practice.	10
Did the applicant self-certify as a beginning farmer or rancher on the NRCS-CPA-1200?	YES	85
	NO	0
Did the applicant self-certify as a socially disadvantaged farmer or rancher on the NRCS-CPA-1200?	YES	85
	NO	0

### Survey: Resource Questions

Section: Resource Questions		
Question	Answer Choices	Points

## Section: Resource Questions

Question	Answer Choices	Points
Only answer yes to one option below.	Will the proposed contract include a practice to establish and maintain herbaceous cover by converting irrigated cropland to rangeland and will include removal of the irrigated cropland system? Herbaceous cover will be established on all acres within an irrigated field as determined by the FSA CLU layer and the irrigation system is currently producing more than 4.0 gal/min/ac.	100
	Will the proposed contract include a practice to establish and maintain herbaceous cover by converting irrigated cropland to rangeland and will include removal of the irrigated cropland system? Herbaceous cover will be established on all acres and the irrigation system is currently producing between 3.0 and 3.9 gal/min/ac.	80
	Will the proposed contract include a practice to establish and maintain herbaceous cover by converting irrigated cropland to rangeland and will include removal of the irrigated cropland system? Herbaceous cover will be established on all acres and the irrigation system is currently producing between 2.0 and 2.9 gal/min/ac.	60
	Will the proposed contract include a practice to establish and maintain herbaceous cover by converting irrigated cropland to rangeland and will include removal of the irrigated cropland system? Herbaceous cover will be established on all acres and the irrigation system is currently producing less than 2.0 gal/min/ac.	40
	Will the proposed contract include a practice to establish and maintain herbaceous cover that addresses Soil Health?	20
	Not applicable.	0

Section: Resource Questions

Question	Answer Choices	Points
<p>Only answer yes to one option below.</p>	<p>Will this application address the resource concern Energy by converting or improving the current irrigation system to a more efficient irrigation system as evaluated utilizing FIRI and the irrigation system is currently producing more than 5.0 gal/min/ac? Utilization of variable rate irrigation (VRI) technology, switching from higher to lower pressure irrigation systems, and sprinkler head renozzling without increasing irrigated acres, resulting in enhanced application efficiency and reduced energy use.</p>	40
	<p>Will this application address the resource concern Energy by converting or improving the current irrigation system to a more efficient irrigation system as evaluated utilizing FIRI and the irrigation system is currently producing more than 4.0 - 4.9 gal/min/ac? Utilization of variable rate irrigation (VRI) technology, switching from higher to lower pressure irrigation systems, and sprinkler head renozzling without increasing irrigated acres, resulting in enhanced application efficiency and reduced energy use.</p>	30
	<p>Will this application address the resource concern Energy by converting or improving the current irrigation system to a more efficient irrigation system as evaluated utilizing FIRI and the irrigation system is currently producing more than 3.0 - 3.9 gal/min/ac? Utilization of variable rate irrigation (VRI) technology, switching from higher to lower pressure irrigation systems, and sprinkler head renozzling without increasing irrigated acres, resulting in enhanced application efficiency and reduced energy use.</p>	20
	<p>Will this application address the resource concern Energy by converting or improving the current irrigation system to a more efficient irrigation system as evaluated utilizing FIRI and the irrigation system is currently producing more than 2.0 - 2.9 gal/min/ac? Utilization of variable rate irrigation (VRI) technology, switching from higher to lower pressure irrigation systems, and sprinkler head renozzling without increasing irrigated acres, resulting in enhanced application efficiency and reduced energy use.</p>	10
	Not applicable.	0
<p>Will this application address Soil Quality Degradation - Organic Matter Depletion by installing practices that improve Soil Health?</p>	YES	40
	NO	0
<p>Will this application address a resource concern that will benefit a Wetland?</p>	YES	20
	NO	0