



# Ranking Pool Report

**Ranking Pool:** IRA Agland-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:** 10/17/2023  
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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	--	--	--	--	--
Crop	--	--	--	--	--	--	--	--	--	--
Farmstead	--	--	--	N/A	N/A	--	--	--	--	--
Pasture	--	--	--	--	--	--	--	--	--	--
Range	--	--	N/A	--	N/A	--	--	--	--	--

## Resource Concern Categories

Categories			
Category	Min %	Default %	Max %
Air quality emissions	0	1	30
Aquatic habitat	0	1	30
Concentrated erosion	0	7	30
Degraded plant condition	0	15	30
Field pesticide loss	0	4	30
Field sediment, nutrient and pathogen loss	0	5	30
Fire management	0	1	30
Inefficient energy use	0	2	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	1	30
Terrestrial habitat	0	13	30

## Categories

Category	Min %	Default %	Max %
Weather resilience	0	3	30
Wind and water erosion	0	10	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	20	50
Classic gully erosion	0	50	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

## Field sediment, nutrient and pathogen loss

Resource Concern	Min %	Default %	Max %
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	20	50
Inadequate livestock shelter	0	50	50
Inadequate livestock water quantity, quality and distribution	0	30	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

## Soil quality limitations

Resource Concern	Min %	Default %	Max %
Subsidence	0	--	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	40	50
Nutrients transported to surface water	0	50	50
Petroleum, heavy metals and other pollutants transported to groundwater	0	5	50
Petroleum, heavy metals and other pollutants transported to surface water	0	5	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
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<b>Practice Name</b>	<b>Practice Code</b>	<b>Practice Type</b>
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
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

Practice Name	Practice Code	Practice Type
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
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)

Practice Name	Practice Code	Practice Type
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)
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)

Practice Name	Practice Code	Practice Type
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)
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)



Practice Name	Practice Code	Practice Type
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)
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)

Practice Name	Practice Code	Practice Type
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)
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)

Practice Name	Practice Code	Practice Type
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)
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 Agland-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 Agland		
Question	Answer Choices	Points
Does the applicant meet the criteria for a Renewal Agland operation and is the majority of it located in NM?	YES	--
	NO	--

Section: IRA Question		
Question	Answer Choices	Points
This application will address an IRA resource concern by including at least ONE CORE CSAF activity?	YES	--
	NO	--

## Survey: Category Questions

Section: Crop or pasture in the operation		
Question	Answer Choices	Points
Is crop or pasture part of the operation?	Yes, crop and/or pasture are part of the operation	--
	No, there is no cropland or pasture in the operation	--

## Survey: Program Questions

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?	95-100%	100
	75-95%	80
	50-74%	60
	25-49%	40
	10-24%	15
	Less than 10%	0

Section: National priorities		
Question	Answer Choices	Points
Will an activity be contracted in a source water priority area?	YES	100
	NO	0

## Survey: Resource Questions

Section: Priority Resource Concerns		
Question	Answer Choices	Points

**Section: Priority Resource Concerns**

Question	Answer Choices	Points
<p>At the time of application, how many State priority resource concerns categories are met on the land use with the most amount of resource concerns met? State priorities for Agland are concentrated erosion, degraded plant condition, livestock production limitation, pest pressure, soil quality limitations, source water depletion, terrestrial habitat, and wind and water erosion.</p>	6 or more State priority resource concerns are met on the best performing land use (exclude Farmstead and Associated Ag Land)	25
	5 State priority resource concerns are met on the best performing land use (exclude Farmstead and Associated Ag Land)	20
	4 State priority resource concerns are met on the best performing land use (exclude Farmstead and Associated Ag Land)	15
	3 State priority resource concerns are met on the best performing land use (exclude Farmstead and Associated Ag Land)	10
	2 State priority resource concerns are met on the best performing land use (exclude Farmstead and Associated Ag Land)	5
	1 or no State priority resource concerns met on the best performing land use (exclude Farmstead and Associated Ag Land)	0
	<p>By the end of the contract, how many State priority resource concerns will be addressed with a conservation activity on the best performing land use excluding farmstead and associated ag land? This is the number of state priority resource concern categories that go from not met to met and from met to exceeded on the land use with the most resource concerns met at the end of the contract.</p>	6 or more State priority resource concerns will be improved
5 State priority resource concerns will be improved		20
4 State priority resource concerns will be improved		15
3 State priority resource concerns will be improved		10
2 State priority resource concerns will be improved		5
1 or no State priority resource concerns will be improved		0

**Section: Priority Practices**

Question	Answer Choices	Points
<p>How many core Climate-Smart Agriculture and Forestry (CSAF) Mitigation Activity(ies) will be implemented in the application?</p>	Four or more Core CSAF Mitigation Activities	75
	Three Core CSAF Mitigation Activities	50
	Two Core CSAF Mitigation Activities	25
	One Core CSAF Mitigation Activities	15
	This application does not contain a CSAF Mitigation Activity. NOT ELIGIBLE FOR IRA-CSP.	-200
<p>What is the number of years a priority activity (practice or enhancement) listed below is scheduled? The answer is based on the land use with the most years scheduled. The priority activity for rangeland is Prescribed Grazing (528), cropland is Cover Crop (340), Conservation Crop Rotation (328), No-till (329), Reduced tillage (345); and pasture is Prescribed Grazing (528)?</p>	For 3 or more years, can be different enhancements of the same practice	25
	For 2 years, can be different enhancements of the same practice	15
	One year	5
	None planned	0

## Section: Priority Practices

Question	Answer Choices	Points
Will habitat for wildlife, not for beneficial insects/pollinators, be improved with an activity that specifically addresses wildlife habitat (such as edge feathering for wildlife cover E645C)? This does not include fence and trough improvements.	YES	15
	NO	0
Will pollinator habitat be improved with an activity that establishes pollinator plants or that specifically addresses pollinator habitat (such as conservation cover for pollinators and beneficial insects)?	YES	15
	NO	0
Will a cover crop/conservation crop rotation enhancement be adopted?	YES	10
	NO	0
Will all practices or enhancements be scheduled for adoption by year 3?	YES	10
	NO	0