



Ranking Pool Report

Ranking Pool: Agricultural Land - IRA FY24

Program: CStwP

Pool Status: Active

States: IL (Admin)

Template: CSP Classic National Ranking Template - Amended October 2023

Template Status: Active

Last Modified By: Erin O'connor

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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	--	--	--	--	--	--	--	--	--	--

Resource Concern Categories

Categories			
Category	Min %	Default %	Max %
Air quality emissions	0	18	30
Aquatic habitat	0	1	30
Concentrated erosion	0	5	30
Degraded plant condition	0	5	30
Field pesticide loss	0	2	30
Field sediment, nutrient and pathogen loss	0	18	30
Inefficient energy use	0	18	30
Livestock production limitation	0	5	30
Pest pressure	0	1	30
Soil quality limitations	0	18	30
Source water depletion	0	1	30
Storage and handling of pollutants	0	1	30
Terrestrial habitat	0	1	30
Weather resilience	0	1	30
Wind and water erosion	0	5	30

Air quality emissions

Resource Concern	Min %	Default %	Max %
Emissions of airborne reactive nitrogen	0	50	50
Emissions of greenhouse gases - GHGs	0	50	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 %
Classic gully erosion	0	50	50
Ephemeral gully erosion	0	50	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	25	50
Nutrients transported to surface water	0	50	50
Sediment transported to surface water	0	25	50

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

Livestock production limitation

Resource Concern	Min %	Default %	Max %
Inadequate livestock shelter	0	25	50
Inadequate livestock water quantity, quality and distribution	0	25	50

Pest pressure

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

Soil quality limitations

Resource Concern	Min %	Default %	Max %
Compaction	0	25	50
Organic matter depletion	0	50	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

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 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
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

Practice Name	Practice Code	Practice Type
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
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
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)
Perennial Grain Conservation Crop Rotation	E328O	CStwP Enhancements (2018)
No till to reduce soil erosion	E329A	CStwP Enhancements (2018)

Practice Name	Practice Code	Practice Type
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)
Silvopasture to improve wildlife habitat	E381A	CStwP Enhancements (2018)

Practice Name	Practice Code	Practice Type
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)
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)

Practice Name	Practice Code	Practice Type
Lowbush Blueberry Field Mulching for Moisture Management	E484D	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)
Prescribed grazing that improves or maintains riparian and watershed function-erosion	E528L	CStwP Enhancements (2018)
Grazing management that protects sensitive areas from gully erosion	E528M	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)


Practice Name	Practice Code	Practice Type
Management Intensive Rotational Grazing	E528R	CStwP Enhancements (2018)
Soil Health Improvements on Pasture	E528S	CStwP Enhancements (2018)
Install VFDs on pumping plants	E533C	CStwP Enhancements (2018)
Switch fuel source for pumps	E533D	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)
Tree/shrub planting for wildlife food	E612G	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)
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	10	10
Planned Practice Effects	Adjustment (C)	35	35	50
Resource Priorities	Default	15	20	35
Program Priorities	Default	15	25	35

Factors	Algorithm	Allowable Min	Default	Allowable Max
Efficiencies	Default	10	10	10

Display Group: IL Ag Land - IRA FY24 (Active)

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

Survey: Applicability Questions

Section: Applicability Question		
Question	Answer Choices	Points
Does the application have at least one CSAF Mitigation Activity (IRA core practice or activity) planned?	YES	--
	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

Section: Program Question		
Question	Answer Choices	Points
Did the applicant self-certify as a Historically Underserved (HU) farmer or rancher on the NRCS-CPA-1200, Conservation Program Application? Note: Four groups are defined by USDA as Historically Underserved, including farmers or ranchers who are: Beginning; Socially Disadvantaged; Veterans; and Limited Resource.	YES	10
	NO	0
Has the applicant had a CSP contract terminated in the last 3 years?	YES	-100
	NO	0

Survey: Resource Questions

Section: Resource Questions		
Question	Answer Choices	Points

Section: Resource Questions

Question	Answer Choices	Points
How many IRA core practices and/or enhancements will be included in the contract?	Six or more IRA core practices and/or enhancements included in the contract.	105
	Five IRA core practices and/or enhancements included in the contract.	75
	Four IRA core practices and/or enhancements included in the contract.	50
	Three IRA core practices and/or enhancements included in the contract.	30
	Two IRA core practices and/or enhancements included in the contract.	15
	One IRA core practice or enhancement included in the contract.	5
Is the applicant planning an IRA core management practice or enhancement (1 year lifespan per the IL CSP FY 2024 Activity List) for 3 or more years in the contract on the same ground?	YES	20
	NO	0
Is the applicant planning an IRA core structural or vegetative practice or enhancement (greater than 1 year lifespan per the IL CSP FY 2024 Activity List)?	YES	20
	NO	0
Is the applicant planning an IRA core practice or enhancement on 50% or greater of the land in the entire agricultural operation?	YES	20
	NO	0