Ranking Pool Report

Ranking Pool: DeKalb - FY24

Program: EQIP

Pool Status: Active

States: AL (Admin)

Template: EQIP General National Ranking Template - Amended October 2023

Template Status: Active

Last Modified By: Joe Cochran

Last Modified: 12/07/2023

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	--	--	--	--	--
Forest	--	--	--	N/A	N/A	--	--	--	--	--
Pasture	--	--	--	--	--	--	--	--	--	--

Resource Concern Categories

Categories			
Category	**Min %**	**Default %**	**Max %**
Air quality emissions	0	5	100
Aquatic habitat	0	5	100
Concentrated erosion	0	10	100
Degraded plant condition	0	5	100
Field pesticide loss	0	5	100
Field sediment, nutrient and pathogen loss	0	5	100
Fire management	0	5	100
Inefficient energy use	0	5	100
Livestock production limitation	0	5	100
Pest pressure	0	5	100
Salt losses to water	0	5	100
Soil quality limitations	0	5	100
Source water depletion	0	10	100
Storage and handling of pollutants	0	5	100
Terrestrial habitat	0	5	100

Categories

Category	Min %	Default %	Max %
Weather resilience	0	5	100
Wind and water erosion	0	10	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
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

Concentrated erosion

Resource Concern	Min %	Default %	Max %
Bank erosion from streams, shorelines or water conveyance channels	0	30	100
Classic gully erosion	0	35	100
Ephemeral gully erosion	0	35	100

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	100
Nutrients transported to surface water	0	20	100

Field sediment, nutrient and pathogen loss

Resource Concern	Min %	Default %	Max %
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

Livestock production limitation

Resource Concern	Min %	Default %	Max %
Feed and forage balance	0	35	100
Inadequate livestock shelter	0	30	100
Inadequate livestock water quantity, quality and distribution	0	35	100

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	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

Soil quality limitations

Resource Concern	Min %	Default %	Max %
Subsidence	0	10	100

Source water depletion

Resource Concern	Min %	Default %	Max %
Groundwater depletion	0	35	90
Inefficient irrigation water use	0	35	90
Surface water depletion	0	30	90

Storage and handling of pollutants

Resource Concern	Min %	Default %	Max %
Nutrients transported to groundwater	0	25	100
Nutrients transported to surface water	0	25	100
Petroleum, heavy metals and other pollutants transported to groundwater	0	25	100
Petroleum, heavy metals and other pollutants transported to surface water	0	25	100

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	100
Naturally available moisture use	0	20	100
Ponding and flooding	0	20	100
Seasonal high water table	0	20	100
Seeps	0	20	100

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
CNMP Design and Implementation Activity	101	Activities

Practice Name	Practice Code	Practice Type
Comprehensive Nutrient Management Plan	102	Activities
Forest Management Plan	106	Activities
Grazing Management Plan	110	Activities
Soil Health Management Plan	116	Activities
Agricultural Energy Design	120	Activities
Conservation Plan Supporting Organic Transition	138	Activities
Transition to Organic Design	140	Activities
Fish and Wildlife Habitat Design	144	Activities
Pollinator Habitat Design	148	Activities
Nutrient Management Design and Implementation Activity	157	Activities
Feed Management Design	158	Activities
Grazing Management Design	159	Activities
Prescribed Burning Design	160	Activities
Pest Management Conservation System Design	161	Activities
Soil Health Management System Design	162	Activities
Irrigation Water Management Design	163	Activities
Improved Management of Drainage Water Design	164	Activities
Forest Management Practice Design	165	Activities
Conservation Plan	199	Activities
Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	201	Activities
Edge-of-Field Water Quality Monitoring-System Installation	202	Activities
Conservation Planning Activity	203	Activities
Feed and Forage Analysis	206	Activities
Site Assessment and Soil Testing for Contaminants Activity	207	Activities
PFAS Testing in Water or Soil	209	Activities
Soil Health Testing	216	Activities
Soil and Source Testing for Nutrient Management	217	Activities
Carbon Sequestration and Greenhouse Gas Mitigation Assessment	218	Activities
Prescribed Grazing Conservation Evaluation and Monitoring Activity	219	Activities
Soil Organic Carbon Stock Monitoring	221	Activities
Indigenous Stewardship Methods Evaluation	222	Activities
Forest Management Assessment	223	Activities
Aquifer Flow Test	224	Activities
Waste Facility Site Suitability and Feasibility Assessment	226	Activities
Evaluation of Existing Waste Storage Facility Components	227	Activities
Agricultural Energy Assessment	228	Activities
Nutrient Management Implementation Support	257	Activities

Practice Name	Practice Code	Practice Type
Feral Swine Damage Assessment	297	Activities
Agrichemical Handling Facility	309	Conservation Practices
Alley Cropping	311	Conservation Practices
Waste Storage Facility	313	Conservation Practices
Brush Management	314	Conservation Practices
Herbaceous Weed Treatment	315	Conservation Practices
Animal Mortality Facility	316	Conservation Practices
Composting Facility	317	Conservation Practices
Short Term Storage of Animal Waste and By-Products	318	Conservation Practices
On-Farm Secondary Containment Facility	319	Conservation Practices
Irrigation Canal or Lateral	320	Conservation Practices
Deep Tillage	324	Conservation Practices
High Tunnel System	325	Conservation Practices
Clearing and Snagging	326	Conservation Practices
Conservation Cover	327	Conservation Practices
Conservation Crop Rotation	328	Conservation Practices
Residue and Tillage Management, No Till	329	Conservation Practices
Contour Farming	330	Conservation Practices
Contour Orchard and Other Perennial Crops	331	Conservation Practices
Contour Buffer Strips	332	Conservation Practices
Amending Soil Properties with Gypsum Products	333	Conservation Practices
Controlled Traffic Farming	334	Conservation Practices
Soil Carbon Amendment	336	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

Practice Name	Practice Code	Practice Type
Dam, Diversion	348	Conservation Practices
Sediment Basin	350	Conservation Practices
Well Decommissioning	351	Conservation Practices
Monitoring Well	353	Conservation Practices
Groundwater Testing	355	Conservation Practices
Dike and Levee	356	Conservation Practices
Waste Treatment Lagoon	359	Conservation Practices
Waste Facility Closure	360	Conservation Practices
Diversion	362	Conservation Practices
Anaerobic Digester	366	Conservation Practices
Roofs and Covers	367	Conservation Practices
Emergency Animal Mortality Management	368	Conservation Practices
Air Filtration and Scrubbing	371	Conservation Practices
Combustion System Improvement	372	Conservation Practices
Dust Control on Unpaved Roads and Surfaces	373	Conservation Practices
Energy Efficient Agricultural Operation	374	Conservation Practices
Dust Management for Pen Surfaces	375	Conservation Practices
Field Operations Emissions Reduction	376	Conservation Practices
Pond	378	Conservation Practices
Forest Farming	379	Conservation Practices
Windbreak/Shelterbelt Establishment and Renovation	380	Conservation Practices
Silvopasture	381	Conservation Practices
Fence	382	Conservation Practices
Fuel Break	383	Conservation Practices
Woody Residue Treatment	384	Conservation Practices
Field Border	386	Conservation Practices
Irrigation Field Ditch	388	Conservation Practices

Practice Name	Practice Code	Practice Type
Riparian Herbaceous Cover	390	Conservation Practices
Riparian Forest Buffer	391	Conservation Practices
Filter Strip	393	Conservation Practices
Firebreak	394	Conservation Practices
Stream Habitat Improvement and Management	395	Conservation Practices
Aquatic Organism Passage	396	Conservation Practices
Aquaculture Pond	397	Conservation Practices
Fish Raceway or Tank	398	Conservation Practices
Fishpond Management	399	Conservation Practices
Bivalve Aquaculture Gear and Biofouling Control	400	Conservation Practices
Dam	402	Conservation Practices
Grade Stabilization Structure	410	Conservation Practices
Grassed Waterway	412	Conservation Practices
Wildlife Habitat Planting	420	Conservation Practices
Hedgerow Planting	422	Conservation Practices
Hillside Ditch	423	Conservation Practices
Irrigation Ditch Lining	428	Conservation Practices
Irrigation Water Conveyance, Ditch and Canal Lining, Plain Concrete	428A	Conservation Practices
Irrigation Water Conveyance, Ditch and Canal Lining, Flexible Membrane	428B	Conservation Practices
Irrigation Water Conveyance, Ditch and Canal Lining, Galvanized Steel	428C	Conservation Practices
Irrigation Pipeline	430	Conservation Practices
Dry Hydrant	432	Conservation Practices
Irrigation Reservoir	436	Conservation Practices
Irrigation System, Microirrigation	441	Conservation Practices
Sprinkler System	442	Conservation Practices
Irrigation System, Surface and Subsurface	443	Conservation Practices
Irrigation and Drainage Tailwater Recovery	447	Conservation Practices

Practice Name	Practice Code	Practice Type
Irrigation Water Management	449	Conservation Practices
Anionic Polyacrylamide (PAM) Application	450	Conservation Practices
Land Reclamation, Landslide Treatment	453	Conservation Practices
Land Reclamation, Toxic Discharge Control	455	Conservation Practices
Mine Shaft and Adit Closing	457	Conservation Practices
Land Clearing	460	Conservation Practices
Precision Land Forming and Smoothing	462	Conservation Practices
Irrigation Land Leveling	464	Conservation Practices
Land Smoothing	466	Conservation Practices
Lined Waterway or Outlet	468	Conservation Practices
Access Control	472	Conservation Practices
Mulching	484	Conservation Practices
Tree/Shrub Site Preparation	490	Conservation Practices
Obstruction Removal	500	Conservation Practices
Forage Harvest Management	511	Conservation Practices
Pasture and Hay Planting	512	Conservation Practices
Livestock Pipeline	516	Conservation Practices
Pond Sealing or Lining, Compacted Soil Treatment	520	Conservation Practices
Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	521	Conservation Practices
Pond Sealing or Lining, Flexible Membrane	521A	Conservation Practices
Pond Sealing or Lining, Soil Dispersant	521B	Conservation Practices
Pond Sealing or Lining, Bentonite Sealant	521C	Conservation Practices
Pond Sealing or Lining, Compacted Clay Treatment	521D	Conservation Practices
Pond Sealing or Lining - Concrete	522	Conservation Practices
Sinkhole Treatment	527	Conservation Practices
Prescribed Grazing	528	Conservation Practices
Pumping Plant	533	Conservation Practices

Practice Name	Practice Code	Practice Type
Land Reclamation, Abandoned Mined Land	543	Conservation Practices
Land Reclamation, Currently Mined Land	544	Conservation Practices
Grazing Land Mechanical Treatment	548	Conservation Practices
Range Planting	550	Conservation Practices
Drainage Water Management	554	Conservation Practices
Rock Wall Terrace	555	Conservation Practices
Row Arrangement	557	Conservation Practices
Roof Runoff Structure	558	Conservation Practices
Access Road	560	Conservation Practices
Heavy Use Area Protection	561	Conservation Practices
Recreation Area Improvement	562	Conservation Practices
Recreation Land Improvement and Protection	566	Conservation Practices
Stormwater Runoff Control	570	Conservation Practices
Spoil Disposal	572	Conservation Practices
Spring Development	574	Conservation Practices
Trails and Walkways	575	Conservation Practices
Livestock Shelter Structure	576	Conservation Practices
Stream Crossing	578	Conservation Practices
Streambank and Shoreline Protection	580	Conservation Practices
Open Channel	582	Conservation Practices
Channel Bed Stabilization	584	Conservation Practices
Stripcropping	585	Conservation Practices
Structure for Water Control	587	Conservation Practices
Crosswind Ridges	588	Conservation Practices
Cross Wind Trap Strips	589	Conservation Practices
Nutrient Management	590	Conservation Practices
Amendments for Treatment of Agricultural Waste	591	Conservation Practices

Practice Name	Practice Code	Practice Type
Feed Management	592	Conservation Practices
Pest Management Conservation System	595	Conservation Practices
Terrace	600	Conservation Practices
Vegetative Barrier	601	Conservation Practices
Equitable Relief	602	Conservation Practices
Herbaceous Wind Barriers	603	Conservation Practices
Saturated Buffer	604	Conservation Practices
Denitrifying Bioreactor	605	Conservation Practices
Subsurface Drain	606	Conservation Practices
Surface Drain, Field Ditch	607	Conservation Practices
Surface Drain, Main or Lateral	608	Conservation Practices
Surface Roughening	609	Conservation Practices
Salinity and Sodic Soil Management	610	Conservation Practices
Tree/Shrub Establishment	612	Conservation Practices
Watering Facility	614	Conservation Practices
Underground Outlet	620	Conservation Practices
Wastewater Treatment – Milk House	627	Conservation Practices
Waste Treatment	629	Conservation Practices
Vertical Drain	630	Conservation Practices
Waste Separation Facility	632	Conservation Practices
Waste Recycling	633	Conservation Practices
Waste Transfer	634	Conservation Practices
Vegetated Treatment Area	635	Conservation Practices
Water Harvesting Catchment	636	Conservation Practices
Water and Sediment Control Basin	638	Conservation Practices
Waterspreading	640	Conservation Practices
Water Well	642	Conservation Practices

Practice Name	Practice Code	Practice Type
Restoration of Rare or Declining Natural Communities	643	Conservation Practices
Wetland Wildlife Habitat Management	644	Conservation Practices
Upland Wildlife Habitat Management	645	Conservation Practices
Shallow Water Development and Management	646	Conservation Practices
Early Successional Habitat Development-Mgt	647	Conservation Practices
Structures for Wildlife	649	Conservation Practices
Windbreak/Shelterbelt Renovation	650	Conservation Practices
Road/Trail/Landing Closure and Treatment	654	Conservation Practices
Forest Trails and Landings	655	Conservation Practices
Constructed Wetland	656	Conservation Practices
Wetland Restoration	657	Conservation Practices
Wetland Creation	658	Conservation Practices
Wetland Enhancement	659	Conservation Practices
Tree-Shrub Pruning	660	Conservation Practices
Forest Stand Improvement	666	Conservation Practices
Energy Efficient Lighting System	670	Conservation Practices
Energy Efficient Building Envelope	672	Conservation Practices
Water Treatment Facility	724	Interim Conservation Practices
Crop By-Product Transfer	736	Conservation Practices
Reduced Water and Energy Coffee Conveyance System	737	Interim Conservation Practices
Pond Sealing and Lining, Soil Cement	740	Interim Conservation Practices
Individual Terrace	751	Interim Conservation Practices
Infiltration Ditch	753	Interim Conservation Practices
Well Plugging	755	Interim Conservation Practices

Practice Name	Practice Code	Practice Type
Livestock Confinement Facility	770	Interim Conservation Practices
Drainage Ditch Covering	775	Interim Conservation Practices
Phosphorus Removal System	782	Interim Conservation Practices
Controlling Existing Flowing Wells	800	Interim Conservation Practices
Amending Soil Properties with Lime	805	Interim Conservation Practices
Soil Carbon Amendment	808	Interim Conservation Practices
Conservation Harvest Management	809	Interim Conservation Practices
Annual Forages for Grazing Systems	810	Interim Conservation Practices
Raised Beds	812	Interim Conservation Practices
Groundwater Recharge Basin or Trench	815	Interim Conservation Practices
On-Farm Recharge	817	Interim Conservation Practices
Water Conservation System	818	Interim Conservation Practices
Low Tunnel Systems	821	Interim Conservation Practices
Organic Management	823	Interim Conservation Practices
Plantings for Soil Microbiology Management	825	Interim Conservation Practices
Strategic Harvested Forage Management	827	Interim Conservation Practices
TA Planning	910	TSP Codes
TA Design	911	TSP Codes
TA Application	912	TSP Codes
TA Check-Out	913	TSP Codes

Ranking Weights

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: DeKalb - FY24 (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**
What county are the PLUs in?	DeKalb	--
	Other County	--

Survey: Category Questions

Section: Resource Group		
Question	**Answer Choices**	**Points**
What Resource Group is being addressed?	Soil Health and Erosion	--
	Grazingland	--
	Forestry and Wildlife	--
	AFO/Farmstead - Water Quality	--
	Energy/Irrigation Efficiency	--

Survey: Program Questions

Section: Program		
Question	**Answer Choices**	**Points**
Is the applicant an FSA-eligible CRP-TIP participant applying for EQIP within the last year of the CRP contract?	YES	5
	NO	0
Are the majority of PLUs located in a Source Water Priority watershed?	SWP Eligible	40
	Not SWP eligible	0

Section: Program		
Question	**Answer Choices**	**Points**
Do the majority of the PLUs contain HEL map units?	The majority of the PLUs do contain HEL map units.	15
	The majority of the PLUs do not contain HEL map units.	0
Are the PLUs adjacent to a water body?	Adjacent to a stream.	15
	Adjacent to a waterbody.	15
	Not adjacent to a waterbody.	0
Are the majority of the PLUs located within a USFWS Strategic Habitat Unit (SHU)?	within a SHU	15
	not within a SHU	0
Did the applicant self-certify as an HU participant?	YES	25
	NO	0
Are the PLUs in proximity to a 303d listed surface water?	303d water bodies	50
	303d streams	50
	No	0

Survey: Resource Questions

Section: Resource		
Question	**Answer Choices**	**Points**
Soil Health and Erosion*	cropland is being converted to permanent cover	100
	application is for incorporating cover crops into current cropping system	55
	application is for tunnel house	25
	erosion will be treated by installing terraces and waterways	20
	None of the Above	0
Grazingland*	applicant is restricting access to streams, ponds through practices in this plan	10
	applicant is installing cross fencing AND/OR alternate watering sources to facilitate a rotational grazing system	100
	Offered acres are in need of establishment or improvement of existing forage species	60
	Heavy Use Areas will be installed for feeding areas	30
	None of the Above	0

Section: Resource

Question	Answer Choices	Points
Forestry and Wildlife*	tree planting is planned	100
	Native grasses will be established for wildlife habitat	60
	applicant is planning to plant shrubs/ hedgerows for wildlife	30
	applicant is applying for prescribe burning	10
	None of the Above	0
AFO/Farmstead - Water Quality*	application is only for a dead bird disposal	100
	application is only for a stand alone drystack for a broiler operation	75
	application is for a drystack AND dead bird disposal for a broiler operation	25
	None of the above	0
Energy/Irrigation Efficiency*	application is for lights	100
	application energy efficiency is above 30%	60
	application is for irrigation efficiency practices	10
	application is for farmstead energy efficient motor upgrade practices	30
	None of the Above	0