



# Ranking Pool Report

**Ranking Pool:** Indiana EQIP 2024 On-Farm Energy Initiative

**Program:** EQIP

**Pool Status:** Active

**States:** IN (Admin)

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

**Template Status:** Active

**Last Modified By:** Katelyn Fagan

**Last Modified:** 11/13/2023  
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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	--	--	--	--	--
Forest	--	--	--	N/A	N/A	--	--	--	--	--
Pasture	--	--	--	--	--	--	--	--	--	--
Water	N/A	--	N/A	N/A	N/A	--	--	--	--	--

## Resource Concern Categories

Categories			
Category	Min %	Default %	Max %
Air quality emissions	0	35	100
Aquatic habitat	0	--	100
Concentrated erosion	0	--	100
Degraded plant condition	0	--	100
Field pesticide loss	0	--	100
Field sediment, nutrient and pathogen loss	0	--	100
Fire management	0	--	100
Inefficient energy use	0	35	100
Livestock production limitation	0	15	100
Pest pressure	0	--	100
Salt losses to water	0	--	100
Soil quality limitations	0	--	100
Source water depletion	0	15	100
Storage and handling of pollutants	0	--	100

## Categories

Category	Min %	Default %	Max %
Terrestrial habitat	0	--	100
Weather resilience	0	--	100
Wind and water erosion	0	--	100

## Air quality emissions

Resource Concern	Min %	Default %	Max %
Emissions of airborne reactive nitrogen	0	20	100
Emissions of greenhouse gases - GHGs	0	40	100
Emissions of ozone precursors	0	20	100
Emissions of particulate matter (PM) and PM precursors	0	20	100
Objectionable odor	0	--	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

## Field sediment, nutrient and pathogen loss

Resource Concern	Min %	Default %	Max %
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	100	100
Energy efficiency of farming/ranching practices and field operations	0	--	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 quality limitations

Resource Concern	Min %	Default %	Max %
Soil organism habitat loss or degradation	0	20	100
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
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Practice Name	Practice Code	Practice Type
Agricultural Energy Design	120	Activities
Agricultural Energy Assessment	228	Activities
Combustion System Improvement	372	Conservation Practices
Energy Efficient Agricultural Operation	374	Conservation Practices
Irrigation Water Management	449	Conservation Practices
Pumping Plant	533	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	40	40
Planned Practice Effects	Adjustment (D)	15	15	15
Resource Priorities	Default	20	20	60
Program Priorities	Default	5	15	15
Efficiencies	Default	10	10	10

### Display Group: Indiana EQIP 2024 On-Farm Energy Initiative (Active)

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

### Survey: Indiana EQIP 2024 On-Farm Energy Initiative Applicability Question

Section: Indiana EQIP 2024 On-Farm Energy Initiative Applicability Question		
Question	Answer Choices	Points
The assessment includes one of the National On-Farm Energy Initiative (NOEFI) Conservation Planning Activities DIA 120 or CEMA 228 or any other NOEFI core practices which have been evaluated in a written CAP 128 or 136, DIA 120 or CEMA 228, and/or other applicable documentation to achieve an energy savings.	YES	--
	NO	--

### Survey: Indiana EQIP 2024 On-Farm Energy Initiative Category Question

Section: Indiana EQIP 2024 On-Farm Energy Initiative Category Question		
Question	Answer Choices	Points

**Section: Indiana EQIP 2024 On-Farm Energy Initiative Category Question**

Question	Answer Choices	Points
Choose the Indiana EQIP On-Farm Energy Category.	On-Farm Energy Practices (may include DIA 120)	--
	CEMA 228 Ag Energy Assessment or DIA 120 Ag Energy Design with no implementation practices.	--

**Survey: Indiana EQIP 2024 On-Farm Energy Initiative Program Question**

**Section: Indiana EQIP 2024 On-Farm Energy Initiative Program Question**

Question	Answer Choices	Points
The NOFEI application is for CEMA 228 and/or DIA 120 with no practices.	Yes (200 points)	200
	No (0 points)	0

**Survey: Indiana EQIP 2024 On-Farm Energy Initiative Resource Questions**

**Section: Indiana EQIP 2024 On-Farm Energy Initiative Resource Questions**

Question	Answer Choices	Points
On-Farm Energy Priorities: Choose the best response as calculated with the Energy Cost Efficiency Worksheet.	The estimated cost-efficiency of EACH core practice included in the application will be greater than 75 percent? (100 points)	100
	The estimated cost-efficiency of ANY one core practice in the application will be between 75 - 51 percent? (75 point)	75
	The estimated cost-efficiency of ANY one core practice in the application will be between 50 - 26 percent? (50 point)	50
	The estimated cost-efficiency of ANY one core practice in the application will be between 25 - 11 percent? (25 point)	25
	The estimated cost-efficiency of ANY one core practice in the application will be between 10 - 1 percent? (10 point)	10
	None of the other options apply. (0 points)	0

Section: Indiana EQIP 2024 On-Farm Energy Initiative Resource Questions

Question	Answer Choices	Points
Will the project improve air quality by:	Implementing one or more energy practices that have been evaluated to reduce on farm generated carbon dioxide (CO2) by 100,000 pounds or more? (100 points)	100
	Implementing one or more energy practices that have been evaluated to reduce on farm generated carbon dioxide (CO2) by more than 75,000 pounds but less than 100,000 pounds? (75 points)	75
	Implementing one or more energy practices that have been evaluated to reduce on farm generated carbon dioxide (CO2) by more than 50,000 pounds but less than 75,000 pounds? (50 points)	50
	Implementing one or more energy practices that have been evaluated to reduce on farm generated carbon dioxide (CO2) by 25,000 pounds but less than 50,000 pounds? (25 points)	25
	Implementing one or more energy practices that have been evaluated to reduce on farm generated carbon dioxide (CO2) by more than 1 pound but less than 25,000 pounds? (10 points)	10
	The project will not reduce on farm generated carbon dioxide. (0 points)	0