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## Ranking Tool Summary

### for FY2019 - EQIP 2019 Soil Health Cropland (Draft)

#### Description:

EQIP 2019. This ranking tool is to be used when ranking 2019 EQIP Soil Health Cropland applications

#### Land Uses:

Crop

#### Efficiency Score:

Scoring Multiplier: 7406.154

Scoring Ranges and Results Text:

High: 100 - 70	Medium: 69 - 30	Low: 29 - 0
100-70	69-30	29-0

#### Optional Notes:

#### National Priorities:

Scoring Multiplier: 1.000

Scoring Ranges and Results Text:

High: 250 - 175	Medium: 174 - 100	Low: 99 - 0
250-175	174-100	99-0

#### Questions:

Number	Question	Points
1	a. Is the program application to support the development of a Conservation Activity Plan (CAP)? If answer is "Yes", do not answer any other national level questions. If answer is "No", proceed with evaluation to address the remaining questions in this section.	250
2	a. Implementing the practices in a Comprehensive Nutrient Management Plan (CNMP)?	15
2	b. Implementing the practices in a Nutrient Management Plan (NMP)?	10
2	c. Reducing impacts from sediment, nutrients, salinity, or pesticides on land adjoining a designated "impaired water body" (TMDL, 303d listed waterbody, or other State designation)?	10
2	d. Reducing the impacts from sediment, nutrients, salinity, or pesticides in a "non-impaired water body"?	10
2	e. Implementing practices that improve water quality through animal mortality and carcass management?	10
3	a. Implementing irrigation practices that reduce aquifer overdraft.	15
3	b. Implementing irrigation practices that reduce on-farm water use?	10
3	c. Implementing practices in an area where the applicant participates in a geographically established or watershed-wide project?	10
3	d. Implementing practices that reduce on-farm water use as a result of changing to crops with lower water consumptive use, the rotation of crops, or the modification of cultural operations?	10
4	a. Meeting on-farm regulatory requirements relating to air quality or proactively avoid the need for regulatory measures?	10
4	b. Implementing practices that reduce on-farm emissions of particulate matter (PM2.5,	10

	PM10)?	
4	c. Implementing practices that reduce on-farm generated greenhouse gases such as carbon dioxide (CO2), methane (CH4), and nitrous oxide (N2O)?	10
4	d. Implementing practices that increase on-farm carbon sequestration?	10
5	a. Reduce erosion to tolerable limits (Soil "T")?	10
5	b. Increasing organic matter and carbon content, and improving soil tilth and structure?	10
6	a. Implementing practices benefitting threatened and endangered, at-risk, candidate, or species of concern.	10
6	b. Implementing practices that retain wildlife and plant habitat on land exiting the Conservation Reserve Program (CRP) or other set-aside program?	10
6	c. Implementing practices benefitting honey bee populations or other pollinators?	10
6	d. Implementing land-based practices that improve habitat for aquatic wildlife?	10
7	a. Implementing practices that result in the management control of noxious or invasive plant species on non-cropland?	10
7	b. Implementing practice in an Integrated Pest Management Plan (IPM)?	10
8	a. Reducing on-farm energy consumption?	10
8	b. Implementing practice(s) identified in an approved AgEMP or energy audit, which meet ASABE S612 criteria?	10
9	a. Enhancement of existing conservation practice(s) or conservation systems already in place at the time the application is received?	10
	Total Points	500

**State Issues:**

Scoring Multiplier: 1.000

Scoring Ranges and Results Text:

High: 400 - 200	Medium: 199 - 100	Low: 99 - 0
400-200	199-100	99-0

Questions:

Sub-heading Number	Question Number	Question	Points
	1	Soil Quality: Does applicant currently no-till (including furrow irrigated no till systems) all crops in their rotation?	200
	2	Soil Quality: Does the application include cover crops into a crop rotation that provides soil coverage during all non-crop production periods for at least 3 consecutive years on the same planning land unit?	90
	3	Soil Quality: Does the applicant agree to application include a summer cover crop at least once on all offered planning land units during the life of the contract?	20
1		Answer only one (4 or 5):	
	4	Soil Quality: Does the applicaton include a 5 species cover crop mix at least once on all offered planning land units during the life of the contract?	90
	5	Soil Quality: Does the application include a 3 species cover crop mix at least once on all offered planning land units during the life of the contract?	75
		Maximum Points: 400    Total Points	475

**Local Issues:**

Scoring Multiplier: 1.000

Scoring Ranges and Results Text:

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High: 250 - 175	Medium: 174 - 100	Low: 99 - 0
250-175	174-100	99-0

Questions:

Sub-heading Number	Question Number	Question	Points
	1	Soil Erosion: Are 75% or more of the offered planning land units Highly Erodible Land (HEL) cropland?	130
	2	Water Quality: Does the application include cover crops on cropland planning land units directly adjacent to surface water.	90
	3	Soil Erosion: Are the offered cropland planning land units within the watershed of a PL566 Dam?	30
Maximum Points: 250    Total Points			250

**Selected Resource Concerns and Practices:**

Soil Quality Degradation: Organic Matter Depletion  
 Cover Crop (340)

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