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Ranking Tool Summary

for FY2019 - Fox River Water Quality Project

(Released 11/26/2018)

Description:

EQIP RCPP 2019. This ranking tool is to be used when ranking EQIP RCPP 2019 Fox River Water Quality applications.

Land Uses:

Crop, Pasture

Efficiency Score:

Scoring Multiplier: 9.450

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, PM10)?	10
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: 350 - 200	Medium: 199 - 100	Low: 99 - 0
350-200	199-100	99-0

Questions:

Sub-heading Number	Question Number	Question	Points
	1	Will planned practices address erosion to HEL Compliance Tolerances?	100
	2	Soil Erosion: Does the application include terraces?	40
	3	Soil Erosion: Does the application include terraces that will be have perennial vegetation established on one or both slopes, front slope or back slope?	40
	4	Soil Erosion: Does the application include Grade Stabilization Structure or Water and Sediment Contol Basin?	30
	5	Water Quality: Does the application include structural practices where the water outlets into a minimum 30' permanent vegetative area?	60
1		Soil Erosion: Cover Crops: If the application includes cover crops answer either 6 or 7	
	6	Soil Erosion: Does the application include one year of cover crops?	40
	7	Soil Erosion: Does the application include multiple consecutive years of cover crops?	80
Maximum Points: 350 Total Points			390

Local Issues:

Scoring Multiplier: 2.000

Scoring Ranges and Results Text:

High: 300 - 200	Medium: 199 - 100	Low: 99 - 0
300-200	199-100	99-0

Questions:

Sub-heading Number	Question Number	Question	Points
	1	Is the application for conservation practices to treat land within the boundaries of the Fox River Water Quality Project Priority Area?	300
Maximum Points: 300 Total Points			300

Selected Resource Concerns and Practices:

- Degraded Plant Condition: Undesirable Plant Productivity and Health
 - Fence (382)
- Soil Erosion: Classic Gully Erosion
 - Grade Stabilization Structure (410)
 - Terrace (600)
 - Underground Outlet (620)
 - Water and Sediment Control Basin (638)
- Soil Erosion: Ephemeral Gully Erosion
 - Cover Crop (340)
 - Terrace (600)
 - Underground Outlet (620)
- Soil Erosion: Sheet and Rill Erosion
 - Cover Crop (340)
 - Critical Area Planting (342)
- Water Quality Degradation: Excessive Sediment in Surface Water
 - Critical Area Planting (342)
 - Fence (382)
 - Grade Stabilization Structure (410)
 - Water and Sediment Control Basin (638)

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