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## Ranking Tool Summary

### for FY2019 - EQIP 2019 Animal Feeding/Waste Beginning Farmer

(Draft)

#### Description:

EQIP 2019. This Ranking Tool is to be used when ranking 2019 EQIP Animal Waste Beginning Farmer Applications.

#### Land Uses:

Crop, Farmstead, Pasture

#### Efficiency Score:

Scoring Multiplier: 37.860

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	10

	the need for regulatory measures?	
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: 400 - 200	Medium: 199 - 100	Low: 99 - 0
400-200	199-100	99-0

**Questions:**

Sub-heading Number	Question Number	Question	Points
	1	Is the program application to support the development of a Conservation Activity Plan (CAP)? If answer is "Yes", do not answer any other state level questions. If answer is "No", proceed with evaluation to address the remaining questions in this section.	400
	2	Water Quality: Does the application include offered planning land units in a watershed of either a 303(d) listed stream or public drinking water supply reservoir?	125
	3	Water Quality: Does the application include a practice to establish minimum 50 ft. permanent perennial vegetation strips or buffers on offered livestock operation to filter runoff?	125
	4	Water Quality: Is the livestock operation (identified confined area or stockpile upstream) located a distance of 300 feet or less to the nearest surface water?	100
	5	Water Quality: Will the application address resource concern(s) identified as regulatory issue by a regulatory agency or as required by local planning and zoning.	50
		Maximum Points: 400    Total Points	800

**Local Issues:**

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:

Sub-heading Number	Question Number	Question	Points
	1	Is the program application to support the development of a Conservation Activity Plan (CAP)? If answer is "Yes", do not answer any other state level questions. If answer is "No", proceed with evaluation to address the remaining questions in this section.	250
	2	Water Quality: Does the application include a planned practice to permanently close (not being converted to another use) all existing waste impoundments no longer used on the planning land units in the application.	90
	3	Water Quality: Will all collected and stored manure waste from the animal feeding operation be applied to planning land units owned and/or operated by the applicant? Prior to ranking, all non-owned acreage required for spreading must have a signed spreading agreement and be included in the CNMP or NMP associated with waste removed from a lagoon closure.	85
	4	Does the applicant qualify for Veterans preference status?	15
	5	Does the applicant qualify for Limited Resource Farmer?	10
1		Water Quality: What percent of the spreading acres included in the CNMP (or NMP associated with waste removed from a lagoon closure) are annual cropland and hayland acres? Answer only one of 6-7 below.	
	6	Water Quality: What percent of the spreading acres included in the CNMP/NMP are annual cropland and hayland acres? 34-66%	20
	7	Water Quality: What percent of the spreading acres included in the CNMP/NMP are annual cropland and hayland acres? 67-100%	50
Maximum Points: 250    Total Points			520

**Selected Resource Concerns and Practices:**

Air Quality Impacts: Emissions of Greenhouse Gases (GHGs)

Tree/Shrub Establishment (612)

Windbreak/Shelterbelt Establishment (380)

Degraded Plant Condition: Undesirable Plant Productivity and Health

Fence (382)

Fish and Wildlife - Inadequate Habitat: Inadequate Habitat - Cover/Shelter

Field Border (386)

Riparian Herbaceous Cover (390)

Tree/Shrub Establishment (612)

Tree/Shrub Site Preparation (490)

Windbreak/Shelterbelt Establishment (380)

Inefficient Energy Use: Farming/Ranching Practices and Field Operations

Pumping Plant (533)

Insufficient Water: Inefficient Use of Irrigation Water

Pumping Plant (533)

Livestock Production Limitation: Inadequate Feed and Forage

Fence (382)

Heavy Use Area Protection (561)

Livestock Production Limitation: Inadequate Water

Pumping Plant (533)

Water Well (642)

## Soil Erosion: Classic Gully Erosion

- Critical Area Planting (342)
- Diversion (362)
- Grassed Waterway (412)
- Mulching (484)
- Tree/Shrub Establishment (612)
- Underground Outlet (620)
- Water and Sediment Control Basin (638)

## Soil Erosion: Ephemeral Gully Erosion

- Critical Area Planting (342)
- Diversion (362)
- Grassed Waterway (412)
- Mulching (484)
- Terrace (600)
- Tree/Shrub Establishment (612)
- Underground Outlet (620)
- Water and Sediment Control Basin (638)

## Soil Erosion: Sheet and Rill Erosion

- Critical Area Planting (342)
- Mulching (484)
- Terrace (600)
- Underground Outlet (620)

## Water Quality Degradation: Excess Pathogens and Chemicals from Manure, Bio-solids or Compost

## Applications in Surface Water

- Animal Mortality Facility (316)
- Composting Facility (317)
- Pumping Plant (533)
- Roofs and Covers (367)
- Waste Facility Closure (360)
- Waste Separation Facility (632)
- Waste Storage Facility (313)
- Waste Transfer (634)

## Water Quality Degradation: Excessive Sediment in Surface Water

- Fence (382)
- Grassed Waterway (412)
- Heavy Use Area Protection (561)
- Riparian Herbaceous Cover (390)
- Terrace (600)
- Water and Sediment Control Basin (638)

## Water Quality Degradation: Nutrients in Groundwater

- Pond Sealing or Lining (520)
- Subsurface Drain (606)
- Well Decommissioning (351)

## Water Quality Degradation: Nutrients in Surface water

- Nutrient Management (590)
- Riparian Herbaceous Cover (390)