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Ranking Tool Summary

for FY2018 - EQIP 2018 Wildlife Area 2 FA

(Draft)

Description:

EQIP 2018. This ranking tool is to be used when ranking EQIP 2018 Wildlife Area 2 applications.

Land Uses:

Crop, Forest, 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 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: 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 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.	300
	2	Inadequate Habitat: Will at least one planned practice be implemented for natural community habitats restorations through 643 (prairie, glade, savanna, open woodland, or bottomland forest)?	100
	3	Inadequate Habitat: Will at least one scenario within 645, 327, and/or 647 be implemented to provide habitat for quail.	80
	4	Inadequate Habitat: Does the application include forage and biomass planting (512) to renovate cool season grass pasture/hayland or to convert annually cropped land to native warm or cool season grasses with good or excellent wildlife rating on at least 10 acres?	60
	5	Inadequate Habitat: Will at least one planned practices be implemented on at least 0.5 acres of the offered planning land unit to provide beneficial habitat for native pollinators?	60
		Maximum Points: 300 Total Points	600

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	Is the program application to support the development of a Conservation Activity Plan (CAP)? If answer is "Yes", do not answer any other local level questions. If answer is "No", proceed with evaluation to address the remaining questions in this section.	350
	2	Will at least one EQIP planned practice be implemented to restore or manage a natural community habitat (prairie, glade, savanna, open woodland, wetland, or bottomland forest), where the planned management will return the stand(s) to the reference plant community as detailed by the Ecological Site Description (ESD)?	75
	3	Will at least one of the EQIP planned practices be applied to specifically address all invasive/undesirable species (such as autumn olive, cedar, bush honeysuckle, etc.) where they occur on the forested land acres (forest and woodland) of the offered planning land units?	25
	4	Will at least one of the EQIP planned practices be applied to specifically address invasive/undesirable species (such as autumn olive, serecia lespedeza, multi-flora rose, tall fescue, smooth brome, etc.) where they occur on the open land acres (pasture, old fields, prairie/savanna/ glade, etc.) of the offered planning land units?	25
	5	Will at least one of the EQIP planned practices establish grasses/forbs rated good or excellent for wildlife by converting non-friendly wildlife grasses (rated poor or fair for wildlife) OR by establishing 30 feet or wider field borders around cropland field edges for a minimum of 1,500 feet or 1.0 acre, whichever is less?	40
	6	Will at least one of the EQIP planned practices be implemented to establish or manage for early successional/brood rearing habitat for Bobwhite Quail?	50
	7	Will at least one of the EQIP planned practices create, enhance, or maintain habitat for wetland dependent wildlife species?	25
	8	Will at least one of the EQIP planned practices establish beneficial habitat, at a minimum of 1.0 acre, specifically for native pollinators?	40
	9	Will at least one of the EQIP planned practices establish beneficial habitat, at a minimum of 0.5 acre, specifically for the monarch butterfly?	40
	10	Are at least 50% of the offered planning land units located within a priority geography (Comprehensive Conservation Strategy, Quail Focus Area, etc.)?	30
		Maximum Points: 350 Total Points	700

Selected Resource Concerns and Practices:

Air Quality Impacts: Emissions of Greenhouse Gases (GHGs)
- Forest Stand Improvement (666)
- Hedgerow Planting (422)
- Riparian Forest Buffer (391)
- Tree/Shrub Establishment (612)
- Windbreak/Shelterbelt Establishment (380)

Degraded Plant Condition: Excessive Plant Pest Pressure
- Access Control (472)

- Brush Management (314)
- Herbaceous Weed Control (315)
- Prescribed Burning (338)
- Prescribed Burning Plan - Written (112)

Degraded Plant Condition: Inadequate Structure and Composition
- Brush Management (314)
- Conservation Cover (327)
- Early Successional Habitat Development/M (647)
- Forage & Biomass Planting (512)
- Pollinator Habitat Plan - Written (146)
- Restoration and Management of Declining (643)

Degraded Plant Condition: Undesirable Plant Productivity and Health
- Fence (382)
- Forest Stand Improvement (666)
- Herbaceous Weed Control (315)
- Prescribed Burning (338)
- Prescribed Burning Plan - Written (112)
- Prescribed Grazing (528)

Fish and Wildlife - Inadequate Habitat: Inadequate Habitat - Cover/Shelter
- Conservation Cover (327)
- Contour Buffer Strips (332)
- Early Successional Habitat Development/M (647)
- Field Border (386)
- Firebreak (394)
- Fish and Wildlife Habitat Plan - Written (142)
- Forage & Biomass Planting (512)
- Forest Stand Improvement (666)
- Hedgerow Planting (422)
- Herbaceous Weed Control (315)
- Pollinator Habitat Plan - Written (146)
- Prescribed Burning (338)
- Prescribed Burning Plan - Written (112)
- Prescribed Grazing (528)
- Restoration and Management of Declining (643)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Structures for Wildlife (649)
- Tree/Shrub Establishment (612)
- Tree/Shrub Site Preparation (490)
- Upland Wildlife Habitat Management (645)
- Wetland Restoration (657)
- Windbreak/Shelterbelt Establishment (380)

Fish and Wildlife - Inadequate Habitat: Inadequate Habitat - Food
- Conservation Cover (327)

Fish and Wildlife - Inadequate Habitat: Inadequate Habitat - Water
- Shallow Water Management (646)
- Structure for Water Control (587)
- Upland Wildlife Habitat Management (645)

Livestock Production Limitation: Inadequate Feed and Forage
- Fence (382)
- Forage & Biomass Planting (512)
- Prescribed Grazing (528)

Livestock Production Limitation: Inadequate Water
- Livestock Pipeline (516)
- Spring Development (574)
- Watering Facility (614)

Soil Erosion: Classic Gully Erosion
- Critical Area Planting (342)
- Mulching (484)
- Tree/Shrub Establishment (612)

Soil Erosion: Ephemeral Gully Erosion

Critical Area Planting (342)
Mulching (484)
Tree/Shrub Establishment (612)

Soil Erosion: Sheet and Rill Erosion
Conservation Cover (327)
Contour Buffer Strips (332)
Critical Area Planting (342)
Forage & Biomass Planting (512)
Mulching (484)

Soil Erosion: Streambank, Shoreline, Water Conveyance Channels
Access Control (472)

Water Quality Degradation: Excess Pathogens and Chemicals from Manure, Bio-solids or Compost Applications in Surface Water
Access Control (472)

Water Quality Degradation: Excessive Sediment in Surface Water
Access Control (472)
Contour Buffer Strips (332)
Fence (382)
Forest Trails and Landings (655)
Riparian Forest Buffer (391)
Riparian Herbaceous Cover (390)
Structure for Water Control (587)

Water Quality Degradation: Nutrients in Groundwater
Well Decommissioning (351)

Water Quality Degradation: Nutrients in Surface water
Riparian Forest Buffer (391)
Riparian Herbaceous Cover (390)
Structure for Water Control (587)
Wetland Restoration (657)

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