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Ranking Tool Summary

for FY2017 - EQIP 2017 Ozark Highland Restoration Partnership F (Draft)

Description:

EQIP 2017. This ranking tool is to be used when ranking EQIP 2017 Ozark Highlands Restoration Project applications.

Land Uses:

Associated Agriculture Land, Crop, Farmstead, Forest, Pasture

Efficiency Score:

Scoring Multiplier: 39.285

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	10

	cultural operations?	
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: 400 - 275	Medium: 274 - 100	Low: 99 - 0
400-275	274-100	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	Is the tract where the planned practice(s) will be applied within the designated Current River watershed priority area?	60
	3	Is the tract where the planned practice(s) will be applied located in one of the partner agency priority watersheds?	60
	4	Is the tract where the planned practice(s) will be applied immediately adjacent to US Forest Service owned land (any shared boundary)?	60
	5	Is the tract where the planned practice(s) will be applied located in one of the water quality priority areas for the Ozark hellbender, freshwater mussel conservation, or protection of public drinking water supplies?	60
	6	Is the tract where the planned practice(s) will be applied located in the Mark Twain NF Collaborative Forest Landscape Restoration Project (CFLRP)?	60

	7	Is the tract where the planned practice(s) will be applied within the glade/ woodland emphasis area AND at least one planned practice will have a positive impact/benefit on the restoration of glade and/or woodland ecosystems?	60
	8	Are the acres within a buffer area of a federal or state listed threatened or endangered species AND at least one planned practice will have a positive impact/benefit on the recovery or protection of the target species (based on T&E Matrix)?	40
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 Local level questions. If answer is "No", proceed with evaluation to address the remaining questions in this section.	250
	2	Will the application reduce sedimentation in surface water by installing Access Control (472) to exclude livestock on ALL of the forestland acres and ALL riparian areas (forested and non-forested) that are not excluded OR installing Forest Trails and Landings (655) where existing trails/landings need treatment to address documented resource concerns?	100
	3	Does the application include Riparian Herbaceous Cover (390) OR Riparian Forest Buffer (391) to be installed on open land to address water quality degradation?	50
	4	Will the application address degraded plant condition by implementing Forest Stand Improvement (666) at the Light FSI, Medium FSI, or Heavy FSI levels on forestland (non woodland restoration)?	50
	5	Does the application include natural community restoration on Woodlands (as defined by the reference state for the appropriate Ecological Site; restoration plans based on NRCS approved Provisional Ecological Site Descriptions) by implementing Restoration and Management of Rare or Declining Habitats (643) and/or Prescribed Burning (338)?	25
	6	Does the application include natural community restoration on Glades (as defined by the reference state for the appropriate Ecological Site; restoration plans based on NRCS approved Provisional Ecological Site Descriptions) by implementing Restoration and Management of Rare or Declining Habitats (643) and/or Prescribed Burning (338) ?	25
Maximum Points: 250 Total Points			500

Selected Resource Concerns and Practices:

Degraded Plant Condition: Excessive Plant Pest Pressure

- Access Control (472)
- Brush Management (314)
- Herbaceous Weed Control (315)
- Prescribed Burning (338)

- Degraded Plant Condition: Inadequate Structure and Composition
 - Brush Management (314)
 - Conservation Cover (327)
 - Forage & Biomass Planting (512)
- Degraded Plant Condition: Undesirable Plant Productivity and Health
 - Fence (382)
 - Forest Management Plan - Written (106)
 - Forest Stand Improvement (666)
 - Herbaceous Weed Control (315)
 - Prescribed Burning (338)
 - Prescribed Grazing (528)
 - Restoration and Management of Declining (643)
- Fish and Wildlife - Inadequate Habitat: Inadequate Habitat - Cover/Shelter
 - Conservation Cover (327)
 - Contour Buffer Strips (332)
 - Field Border (386)
 - Firebreak (394)
 - Forage & Biomass Planting (512)
 - Forest Management Plan - Written (106)
 - Forest Stand Improvement (666)
 - Herbaceous Weed Control (315)
 - Prescribed Burning (338)
 - 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)
- Fish and Wildlife - Inadequate Habitat: Inadequate Habitat - Food
 - Conservation Cover (327)
- Fish and Wildlife - Inadequate Habitat: Inadequate Habitat - Water
 - Access Control (472)
 - Upland Wildlife Habitat Management (645)
- 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)
 - Forage & Biomass Planting (512)
 - Heavy Use Area Protection (561)
 - Prescribed Grazing (528)
- Livestock Production Limitation: Inadequate Water
 - Livestock Pipeline (516)
 - Pumping Plant (533)
 - Spring Development (574)
 - Water Well (642)
 - 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)
 - Stream Crossing (578)
- Soil Quality Degradation: Organic Matter Depletion
 - Cover Crop (340)
- Water Quality Degradation: Excess Pathogens and Chemicals from Manure, Bio-solids or Compost Applications in Surface Water
 - Access Control (472)
 - Pumping Plant (533)
- Water Quality Degradation: Excessive Sediment in Surface Water
 - Access Control (472)
 - Contour Buffer Strips (332)
 - Fence (382)
 - Forest Trails and Landings (655)
 - Heavy Use Area Protection (561)
 - Riparian Forest Buffer (391)
 - Riparian Herbaceous Cover (390)
 - Stream Crossing (578)
- Water Quality Degradation: Nutrients in Groundwater
 - Well Decommissioning (351)
- Water Quality Degradation: Nutrients in Surface water
 - Riparian Forest Buffer (391)
 - Riparian Herbaceous Cover (390)

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