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Ranking Tool Summary

for FY2019 - Conservation Ranching Program for Missouri - 2 (Draft)

Description:

EQIP RCPP 2019. This ranking tool is to be used when ranking EQIP RCPP 2019 Conservation Ranching 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: 350 - 200	Medium: 199 - 100	Low: 99 - 0
350-200	199-100	99-0

Questions:

Sub-heading Number	Question Number	Question	Points
	1	Does the applicant plan to enroll the offered tract in the Audubon Conservation Ranching certification program?	176
	2	Is the offered tract located within an identified priority landscape? Reference the '2017 Conservation Ranching Priority Areas' shape files.	87
	3	Does the grassland acres of the offered tract currently have 25% NWSG or will result in 25% NWSG or prairie by the end of the contract?	87
Maximum Points: 350 Total Points			350

Local 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	Question	Question	Points
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Number	Number		
	1	Does the application include Forage & Biomass Planting (512) to renovate cool-season grass pasture/hayland or convert annually tilled/annuallyplanted commodity crop to a multi-species, native warm-season grass planting with a good or excellent wildlife rating?	100
	2	Does the application include the (528) Prescribed Grazing practice scenarios 'Deferment for Wildlife' or 'Long Term Deferment' ?	50
	3	Does the application include Forage Harvest management (511)?	50
	4	Does the application include Prescribed Burning (338) to manage existing native grass plantings?	45
	5	Does the application include the incorporation of cover crops on cropland to be included in the annual grazing rotation?	40
	6	Will the offered tract include the enhancement of expired CRP fields (expired within last 3 years) for use in grazing rotations?	15
Maximum Points: 300 Total Points			300

Selected Resource Concerns and Practices:

Air Quality Impacts: Emissions of Particulate Matter (PM) and PM Precursors

Cover Crop (340)

Degraded Plant Condition: Excessive Plant Pest Pressure

Access Control (472)

Brush Management (314)

Fence (382)

Heavy Use Area Protection (561)

Herbaceous Weed Control (315)

Livestock Pipeline (516)

Prescribed Burning (338)

Prescribed Grazing (528)

Tree/Shrub Site Preparation (490)

Water Well (642)

Degraded Plant Condition: Inadequate Structure and Composition

Brush Management (314)

Conservation Cover (327)

Early Successional Habitat Development/M (647)

Forage & Biomass Planting (512)

Restoration and Management of Declining (643)

Degraded Plant Condition: Undesirable Plant Productivity and Health

Fence (382)

Firebreak (394)

Forage Harvest Management (511)

Herbaceous Weed Control (315)

Prescribed Burning (338)

Prescribed Grazing (528)

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

Access Control (472)

Brush Management (314)

Conservation Cover (327)

Early Successional Habitat Development/M (647)

Firebreak (394)

Forage & Biomass Planting (512)

Forage Harvest Management (511)

Herbaceous Weed Control (315)

Prescribed Burning (338)

Prescribed Grazing (528)

Restoration and Management of Declining (643)

Structures for Wildlife (649)

Tree/Shrub Establishment (612)

Tree/Shrub Site Preparation (490)

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

Soil Erosion: Sheet and Rill Erosion
Critical Area Planting (342)
Forage & Biomass Planting (512)

Soil Quality Degradation: Organic Matter Depletion
Cover Crop (340)
Critical Area Planting (342)
Forage & Biomass Planting (512)

Water Quality Degradation: Excessive Sediment in Surface Water
Access Control (472)
Critical Area Planting (342)
Fence (382)
Forage & Biomass Planting (512)
Heavy Use Area Protection (561)
Pumping Plant (533)
Spring Development (574)
Stream Crossing (578)
Water Well (642)
Watering Facility (614)

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