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Ranking Tool Summary

for FY2017 - Cerulean Warbler Appalachian Forestland Enhancement (Draft)

Description:

Land Uses:

Forest

Efficiency Score:

Scoring Multiplier: 1.000

Optional Notes:

National Priorities:

Scoring Multiplier: 1.000

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,	10

	or species of concern.	
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

Questions:

Sub-heading Number	Question Number	Question	Points
1		Species Presence:	
	1	Is there credible verification of target species occurrence on the offered area (for example, photos, Breeding Bird Survey, USFWS, NRCS, or State fish and wildlife agency documentation)?	140
2		Distance to Known Populations:	
	1	The offered area is located within one mile of an area with known populations of the target species.	90
	2	The offered area is located between 1 and 3 miles from a known population of the target species.	30
3		Distance to State or Federal Public Lands:	
	1	The offered area is within 5 miles of lands in state or federal public ownership (e.g., National Forest or lands owned by a state forestry or fish and wildlife agency).	140
Maximum Points:			Total Points
			400

Local Issues:

Scoring Multiplier: 1.000

Questions:

Sub-heading Number	Question Number	Question	Points
	1	All (100%) of the planned practices occurs along ridges, knobs, and upper slopes with an eastern, northern, southeastern, or northwestern aspect.	100
	2	The offered area contains at least 70% of preferred tree species (white oak, chestnut oak, sugar maple, hickories, cucumber magnolia; non-oak dominated sites also can include yellow-poplar, black cherry, and black locust) with large diameter (>16" DBH preferred).	100
	3	Will the project include implementation of an area of at least 10 acres of new habitat?	100
	4	The landscape surrounding the offered area is >80% forested within a 5-	50

		mile radius and >50% of the forest within the 5 mile radius appears to be mature, closed-canopy forest.	
	5	Deer density in the landscape will require the project area to be excluded from deer for the establishment of desirable regeneration.	-100
	6	Undesirable understory vegetation is such that >3 herbicide applications will be required to establish desirable regeneration.	-100
		Maximum Points:	Total Points
			150

Selected Resource Concerns and Practices:

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

- Access Control (472)
- Brush Management (314)
- Conservation Cover (327)
- Cover Crop (340)
- Critical Area Planting (342)
- Early Successional Habitat Development/M (647)
- Forest Stand Improvement (666)
- Herbaceous Weed Control (315)
- Restoration and Management of Rare and D (643)
- Road/Trail/Landing Closure and Treatment (654)
- Tree/Shrub Establishment (612)
- Upland Wildlife Habitat Management (645)
- Woody Residue Treatment (384)

Fish and Wildlife - Inadequate Habitat: Inadequate Habitat - Food

- Access Control (472)
- Brush Management (314)
- Conservation Cover (327)
- Cover Crop (340)
- Critical Area Planting (342)
- Early Successional Habitat Development/M (647)
- Fence (382)
- Forest Stand Improvement (666)
- Herbaceous Weed Control (315)
- Restoration and Management of Rare and D (643)
- Tree/Shrub Establishment (612)
- Upland Wildlife Habitat Management (645)
- Woody Residue Treatment (384)

Fish and Wildlife - Inadequate Habitat: Inadequate Habitat - Habitat Continuity (Space)

- Access Control (472)
- Brush Management (314)
- Conservation Cover (327)
- Cover Crop (340)
- Critical Area Planting (342)
- Early Successional Habitat Development/M (647)
- Fence (382)
- Forest Stand Improvement (666)
- Herbaceous Weed Control (315)
- Restoration and Management of Rare and D (643)
- Road/Trail/Landing Closure and Treatment (654)
- Tree/Shrub Establishment (612)
- Upland Wildlife Habitat Management (645)

Fish and Wildlife - Inadequate Habitat: Inadequate Habitat - Water

- Access Control (472)
- Fence (382)