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Ranking Tool Summary

for FY2013 - Area 3 - Salinity - Muddy Creek

(Draft)

Description:

Area 3 - Salinity - Muddy Creek

Land Uses:

Crop, Hay, Pasture

Efficiency Score:

Scoring Multiplier: 1.330

Scoring Ranges and Results Text:

High: 75 - 50	Medium: 49 - 25	Low: 24 - 0
High	Medium	Low

Optional Notes:

National Priorities:

Scoring Multiplier: 1.000

Scoring Ranges and Results Text:

High: 250 - 166	Medium: 165 - 84	Low: 83 - 1
High	Medium	Low

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. Meet regulatory requirements relating to animal feeding operations, or proactively avoid the need for regulatory measures?	15
2	b. Reduce sediment, nutrients or pesticides from agricultural operations located within a field that adjoins a designated "impaired water body" (TMDL, 303d, etc.)?	15
2	c. Reduce sediment, nutrients or pesticides from agricultural operations located within a field that adjoins a "non-impaired water body"?	5
3	a. Decrease aquifer overdraft?	15
3	b. Conserve water from irrigation system improvements and saved water will be available for other beneficial uses?	10
3	c. Conserve water in an area where the applicant participates in a geographically established or watershed-wide project?	5
4	a. Meet on-farm regulatory requirements relating to air quality or proactively avoid the need for regulatory measures?	15
4	b. Reduce on-farm generated green house gases such as CO2 (Carbon Dioxide), CH4 (Methane), and N2O (Nitrous Oxide)?	15
4	c. Increase on-farm carbon sequestration?	5
5	a. Reduce erosion to tolerable limits (Soil "T")?	15
5	b. Improve soil tilth, organic matter, structure, health, etc.?	5
6	a. Benefit on-farm habitat associated with threatened and endangered, at-risk,	15

	candidate, or species of concern as identified in a State wildlife plan?	
6	b. Help retain wildlife and plant habitat on land exiting the Conservation Reserve Program (CRP)?	10
7	a. Help manage or control noxious or invasive plant species on non-cropland?	10
7	b. Increase, or improve habitat to benefit pollinator or other targeted wildlife species?	10
7	c. Properly dispose of livestock carcasses?	5
7	d. Are identified in an Integrated Pest Management plan?	10
7	e. Are identified in a Nutrient Management plan?	10
7	f. Apply principles of adaptive nutrient management?	5
8	a. Reduce energy consumption on the agricultural operation?	15
8	b. Increase on-farm energy efficiency with practices and improvements identified in an approved energy audit equivalent to criteria required in Ag EMP (122,124)?	10
8	c. Assist in implementing energy conservation measures that also reduce greenhouse gas emissions and other air pollutants?	10
9	a. Implementation of all conservation practices scheduled in the contract on the CPA-1155 within three years of date of obligation?	10
9	b. Improvement of existing conservation practices or conservation systems already in place at the time the application is accepted?	5
9	c. Implementation of practice(s) which will complete an existing conservation system or suite of practices?	5
	Total Points	500

State Issues:

Scoring Multiplier: 1.000

Scoring Ranges and Results Text:

High: 250 - 166	Medium: 165 - 84	Low: 83 - 1
High	Medium	Low

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	Wildlife – Will the practices installed facilitate improvement in the habitat for sensitive, threatened, or endangered species?	50
	3	Weeds - Will the practices installed control all invasive species present on the offered acres?	50
	4	Water Quality – Will practices be installed to improve the identified TMDL impairment adjacent to and/or located less than 1320 feet from a TMDL identified water body?	50
	5	Grazing Lands - Will the practices installed result in the implementation of a planned grazing system?	50
	6	Pollinator Habitat – Will this application include development of food, cover, and/or nest sites for native pollinators in accordance with Utah Technical Guide Notice UT238?	50
		Maximum Points: Total Points	500

Local Issues:

Scoring Multiplier: 0.940

Scoring Ranges and Results Text:

High: 425 - 284	Medium: 283 - 142	Low: 141 - 0
High	Medium	Low

Questions:

Sub-heading Number	Question Number	Question	Points
1		If the application is for development of a Conservation Activity Plan (CAP), the agency will assign significant ranking priority and conservation benefit by answering “Yes” to the following question. Answering “Yes” to question 1 will result in the application being awarded the maximum amount of points that can be earned for the local priority category.	
	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.	425
2		Cost Share Per Ton (Answer YES to only one of the following).	
	2	Is the cost share per ton of salt reduced for this application less than $25?	200
	3	Is the cost share per ton of salt reduced for this application between $26 and $35?	190
	4	Is the cost share per ton of salt reduced for this application between $36 and $45?	180
	5	Is the cost share per ton of salt reduced for this application between $46 and $55?	170
	6	Is the cost share per ton of salt reduced for this application between $56 and $65?	160
	7	Is the cost share per ton of salt reduced for this application between $66 and $75?	150
	8	Is the cost share per ton of salt reduced for this application between $76 and $85?	140
	9	Is the cost share per ton of salt reduced for this application between $86 and $95?	130
	10	Is the cost share per ton of salt reduced for this application between $96and $105?	120
	11	Is the cost share per ton of salt reduced for this application between $106 and $115?	110
	12	Is the cost share per ton of salt reduced for this application between $116 and $125?	100
	13	Is the cost share per ton of salt reduced for this application between $126 and $135?	90
	14	Is the cost share per ton of salt reduced for this application between $136 and $145?	80
	15	Is the cost share per ton of salt reduced for this application between $146 and $155?	70
	16	Is the cost share per ton of salt reduced for this application between $156 and $165?	60
	17	Is the cost share per ton of salt reduced for this application between $166 and $175?	50
	18	Is the cost share per ton of salt reduced for this application between $176 and $185?	40
	19	Is the cost share per ton of salt reduced for this application between $186 and $195?	30
	20	Is the cost share per ton of salt reduced for this application between $196 and $205?	24
	21	Is the cost share per ton of salt reduced for this application between $206	20

		and $246?	
	22	Is the cost share per ton of salt reduced for this application between $250 and $299?	16
	23	Is the cost share per ton of salt reduced for this application between $300 and $399?	12
	24	Is the cost share per ton of salt reduced for this application between $400 and $499?	8
	25	Is the cost share per ton of salt reduced for this application between $500 and $599?	4
	26	Is the cost share per ton of salt reduced for this application more than $600?	2
3		Delivery System (Answer YES to only one of the following).	
	27	Is this application dependent upon a pipeline that is functional?	100
	28	Is this application dependent upon a funded pipeline that is not functional but under construction?	50
4		Other Concerns	
	29	Is this application part of an organized group treating the same resource concerns?	30
	30	Will this application result in an irrigation efficiency change of at least 25% or greater; and/or is an organized group treating the same resource concerns?	95
	31	Does the applicant have an active Farm Bill contract that is currently not on schedule or in non-compliance?	-50
	32	Has the applicant had a Farm Bill Contract terminated for non-compliance?	-100
		Maximum Points: Total Points	2706

Selected Resource Concerns and Practices:

Water Quality: Colorado River Excessive Salinity

- Access Control (472)
- Anionic Polyacrylamide (PAM) Application (450)
- Aquatic Organism Passage (396)
- Brush Management (314)
- Channel Bed Stabilization (584)
- Constructed Wetland (656)
- Critical Area Planting (342)
- Dam, Diversion (348)
- Dike (356)
- Fence (382)
- Field Border (386)
- Filter Strip (393)
- Firebreak (394)
- Fish and Wildlife Habitat Plan - Written (142)
- Forage and Biomass Planting (512)
- Grassed Waterway (412)
- Hedgerow Planting (422)
- Integrated Pest Management (IPM) (595)
- Irrigation Ditch Lining (428)
- Irrigation Land Leveling (464)
- Irrigation Pipeline (430)
- Irrigation Reservoir (436)
- Irrigation System, Microirrigation (441)
- Irrigation System, Sprinkler (442)
- Irrigation System, Surface and Subsurfac (443)
- Irrigation System, Tailwater Recovery (447)
- Irrigation Water Management (449)
- Irrigation Water Management Plan - Writt (118)

Land Smoothing (466)
Livestock Pipeline (516)
Mulching (484)
Pollinator Habitat Plan - Written (146)
Pond (378)
Pond Sealing - Clay Treatment (521D)
Pond Sealing or Lining, Bentonite Sealan (521C)
Pond Sealing or Lining, Flexible Membran (521A)
Pond Sealing or Lining, Soil Dispersant (521B)
Prescribed Burning (338)
Prescribed Grazing (528)
Pumping Plant (533)
Range Planting (550)
Renewable Energy System (716)
Riparian Forest Buffer (391)
Riparian Herbaceous Cover (390)
Shallow Water Development and Management (646)
Spring Development (574)
Stream Habitat Improvement and Managemen (395)
Streambank and Shoreline Protection (580)
Structure for Water Control (587)
Tree/Shrub Establishment (612)
Upland Wildlife Habitat Management (645)
Water and Sediment Control Basin (638)
Water Harvesting Catchment (636)
Water Well (642)
Watering Facility (614)
Waterspreading (640)
Wetland Creation (658)
Wetland Enhancement (659)
Wetland Restoration (657)
Wetland Wildlife Habitat Management (644)
Windbreak/Shelterbelt Establishment (380)
Windbreak/Shelterbelt Renovation (650)

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