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Ranking Tool Summary for FY2016 - Cropland (Draft)

Description:

Welcome to the AMA Cropland Ranking Tool. Please complete all questions.

Land Uses:

Crop

Efficiency Score:

Scoring Multiplier: 90.100

Optional Notes:

National Priorities:

Scoring Multiplier: 0.900

Questions:

Number	Question	Points
1	a. Meet regulatory requirements relating to animal feeding operations, or proactively avoid the need for regulatory measures?	15
1	b. Reduce sediment, nutrients or pesticides from agricultural operations located within a field that adjoins a designated "impaired water body" (TMDL, 303d, etc.)?	15
1	c. Reduce sediment, nutrients or pesticides from agricultural operations located within a field that adjoins a "non-impaired water body"?	5
2	a. Decrease aquifer overdraft?	15
2	b. Conserve water from irrigation system improvements and saved water will be available for other beneficial uses?	10
2	c. Conserve water in an area where the applicant participates in a geographically established or watershed-wide project?	5
3	a. Meet on-farm regulatory requirements relating to air quality or proactively avoid the need for regulatory measures?	15
3	b. Reduce on-farm generated green house gases such as CO ₂ (Carbon Dioxide), CH ₄ (Methane), and N ₂ O (Nitrous Oxide)?	15
3	c. Increase on-farm carbon sequestration?	5
4	a. Reduce erosion to tolerable limits (Soil "T")?	15
4	b. Improve soil tilth, organic matter, structure, health, etc.?	5
5	a. Benefit on-farm habitat associated with threatened and endangered, at-risk, candidate, or species of concern as identified in a State wildlife plan?	15
5	b. Help retain wildlife and plant habitat on land exiting the Conservation Reserve Program (CRP)?	10
6	a. Help manage or control noxious or invasive species on non-cropland?	10
6	b. Increase, or improve habitat to benefit pollinator or other targeted wildlife species?	10
6	c. Properly dispose of livestock carcasses?	5
6	d. Are identified in an Integrated Pest Management plan?	10
6	e. Are identified in a Nutrient Management plan?	10
6	f. Apply principles of adaptive nutrient management?	5
7	a. Reduce energy consumption on the agricultural operation?	15
7	b. Increase on-farm energy efficiency with practices and improvements identified in an approved energy audit equivalent to criteria required in Ag EMP?	10

7	c. Assist in implementing energy conservation measures that also reduce greenhouse gas emissions and other air pollutants?	10
8	a. Implementation of all conservation practices scheduled in the contract on the CPA-1155 within three years of date of obligation?	10
8	b. Improvement of existing conservation practices or conservation systems already in place at the time the application is accepted?	5
8	c. Implementation of practice(s) which will complete an existing conservation system or suite of practices?	5
Total Points		250

State Issues:

Scoring Multiplier: 0.900

Questions:

Sub-heading Number	Question Number	Question	Points
	1	New irrigation system for existing crops to reduce crops loss due to drought?	150
	2	Implements an existing irrigation water management plan?	25
	3	If requesting a new well for irrigation has or will install conservation irrigation system such as trickle or drip?	50
	4	New well to provide reliable water source crops?	25
Maximum Points:			Total Points
			250

Local Issues:

Scoring Multiplier: 0.900

Questions:

Sub-heading Number	Question Number	Question	Points
	1	Existing diversified operation (produces three or more crops, or value added agricultural products), currently diversifying, Organic operation, or transitioning to Organic?	40
	2	Has a business plan developed for thier operation?	50
	3	Historically Underserved Client?	50
	4	Does not currently have a suitable water supply to avert risk associated with drought	50
	5	Will convert from sprinkler to micro-irrigation to conserve water.	25
	6	Is the project located within the Chipuxet watershed?	35
Maximum Points:			Total Points
			250

Selected Resource Concerns and Practices:

Insufficient Water: Inefficient Use of Irrigation Water

- Critical Area Planting (342)
- Irrigation Pipeline (430)
- Irrigation Storage Reservoir (436)
- Irrigation System, Microirrigation (441)
- Irrigation System, Sprinkler (442)
- Irrigation System, Surface and Subsurfac (443)
- Pumping Plant (533)

Runoff Management System (570)
Water Well (642)

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