

Ranking Tool Summary for FY2010 - Delta AWEP (Released 04/20/2010)

Description:

Land Uses:

Crop

Efficiency Score:

Scoring Multiplier: 40.100

Optional Notes:

Do not start a practice until application is approved unless waiver is signed and approved. If a practice is not completed within the first 12 months of the contract, the contract will be subject to termination with recovery cost assessed.

National Priorities:

Scoring Multiplier: 1.000

Questions:

Number	Question	Points
1	a. Convert land from irrigated farming to dryland farming?	50
1	b. Conserve water from irrigation system improvements and result in estimated water savings of at least 5% and saved water will be available for other beneficial uses?	15
1	c. Increase groundwater recharge in an identified groundwater depletion area (http://water.usgs.gov/ogw/rasa/html/TOC.html)?	15
1	d. Implement irrigation water management (IWM-449)?	10
1	e. Conserve water in a project located within an approved AWEP priority area?	10
1	f. Reduce water use consistent with State law or where the applicant agrees not to use any associated water savings to bring new land under irrigation production?	10
1	g. Mitigate the effects of drought in a project located within a designated AWEP exceptional drought (D-4) area?	10
1	h. Maintain return flow irrigation for existing wildlife habitat and pollinators?	10
2	a. Meet regulatory requirements relating to animal feeding operations, or proactively avoid the need for regulatory measures?	20
2	b. Reduce sediment, nutrients or pesticides from agricultural operations located within a field that adjoins a designated impaired water body?	15
2	c. Reduce sediment, nutrients or pesticides from agricultural operations located within a field that adjoins a water body?	10
2	d. Reduce depletion or sources of pollution to groundwater?	10
3	a. Reduce erosion to tolerable limits (Soil "T")?	5
4	a. Result in implementation of all planned conservation practices within three years of contract obligation?	20
4	b. Leverage financial resources from an AWEP partner to implement conservation practices?	15
4	c. Improve existing conservation practices or conservation systems already in place at the time the application is accepted, or will complete an existing conservation system?	15
4	d. Fund a "joint application" from multiple producers which address priorities of an approved AWEP project area?	10
Total Points		250

State Issues:

Scoring Multiplier: 1.600

Questions:

Sub-heading Number	Question Number	Question	Points
	1	Is applicant located in the YMD demonstration area? (See GIS layer.)	100
	2	Will treatment result in conversion from ground water to surface water?	45
	3	Has applicant self-certified as a limited resource farmer?	20
	4	Will treatment result in negative water savings? (Example: Center Pivot System changed to Surface Application)	-40
	5	Will treatment result in savings of 0-2 acre-inch/acre/year?	20

	6	Will treatment result in savings of >2-6 acre-inch/acre/year?	40
	7	Will treatment result in savings of >6-12 acre-inch/acre/year?	45
	8	Will treatment result in savings of >12 acre-inch/acre/year?	60
	9	Will treatment include ALL of the following 3 practices? Irrigation Storage Reservoir (436) OR Dam Diversion (348), Pumping Plant (533), and Water Well (642)	60
Maximum Points:			Total Points
			350

Local Issues:

Scoring Multiplier: 1.000

Questions:

Sub-heading Number	Question Number	Question	Points
	1	Will the practice(s) being applied utilize tailwater recovery? (436 or 348, 533 and 642)	125
	2	Will the practices being applied include Irrigation Water Management (449)?	75
	3	Will the practices being applied utilize Dikes (356) and Structure for Water Control (587)?	25
	4	Are you a first time applicant or have you applied in the past and never received funding?	75
Maximum Points:			Total Points
			300

Selected Resource Concerns and Practices:

- Soil Erosion: Irrigation-induced
 - Irrigation Water Management (449)
- Soil Erosion: Sheet and Rill
 - Grade Stabilization Structure (410)
 - Irrigation Water Management (449)
- Water Quality: Excessive Nutrients and Organics in Groundwater
 - Irrigation Water Management (449)
 - Shallow Water Management for Wildlife (646)
- Water Quality: Excessive Nutrients and Organics in Surface Water
 - Irrigation Water Conveyance, Pipeline, L (430EE)
 - Irrigation Water Management (449)
 - Shallow Water Management for Wildlife (646)
- Water Quality: Excessive Suspended Sediment and Turbidity in Surface Water
 - Dam, Diversion (348)
 - Early Successional Habitat Development/M (647)
 - Grade Stabilization Structure (410)
 - Irrigation Land Leveling (464)
 - Irrigation Storage Reservoir (436)
 - Irrigation Water Conveyance, Pipeline, L (430EE)
 - Irrigation Water Management (449)
 - Shallow Water Management for Wildlife (646)
 - Structure for Water Control (587)
 - Water Well (642)
- Water Quality: Harmful Levels of Pesticides in Groundwater
 - Dike (356)
 - Irrigation Water Management (449)
- Water Quality: Harmful Levels of Pesticides in Surface Water
 - Dike (356)
 - Irrigation Water Management (449)
- Water Quantity: Aquifer Overdraft
 - Dam, Diversion (348)
 - Dike (356)
 - Early Successional Habitat Development/M (647)
 - Grade Stabilization Structure (410)
 - Irrigation Land Leveling (464)
 - Irrigation Storage Reservoir (436)
 - Irrigation Water Conveyance, Pipeline, L (430EE)
 - Irrigation Water Management (449)
 - Pumping Plant (533)
 - Shallow Water Management for Wildlife (646)
 - Structure for Water Control (587)
 - Water Well (642)
- Water Quantity: Inefficient Water Use on Irrigated Land
 - Dam, Diversion (348)
 - Dike (356)
 - Irrigation Land Leveling (464)
 - Irrigation Storage Reservoir (436)
 - Irrigation Water Conveyance, Pipeline, L (430EE)
 - Irrigation Water Management (449)

Pumping Plant (533)
Structure for Water Control (587)
Water Well (642)