

New Mexico- Clayton Field Office FY 2004 Ranking Criteria Worksheet - Cropland

Select One: New System _____ Conversion _____

Applicant _____ Farm No. _____ Tract No. _____ CMS Field No's. _____ Date _____

Tribal Land _____ Non-Tribal Land _____ Preliminary Rating _____ Final Rating _____

1. Water Quantity - (Total Maximum Points 70)

Irrigation Efficiency - Use FIRS to Evaluate - 1% efficiency = 1 Pt. Use to determine benchmark and after points. Points earned is then after minus benchamrk.			Potential Points	Bench-mark Points	After Points
% Efficiency	% of Area in Contract before Treatment	% of Area in Contract After Treatment			
			70		
1. Water Quantity			Total		

2. Water Quality - (Total Maximum Points 75)

A. Surface Water Pollutants - (40) Points Maximum			
There is a probability that runoff water from irrigated fields contains sediment, salt, pesticides, and/or nutrients (or other associated chemicals). Treatment is needed to prevent these pollutants from entering live waters, or re-entering a shared irrigation system. Points will be awarded based on distance from the end of field to the nearest live waters or re-entry point into a shared irrigation system. If there is no run-off, after points will be 0.			
Distance of Surface Run-Off to Live Water	Points	Bench	After
<100 Ft. (Highest)	40	0	
101 - 500 Ft.	30	0	
501 - 1,320 Ft.	20	0	
1,320 - 2,640 Ft.	10	0	
>2,640 Ft. (Lowest)	5	0	
A. Surface Water		Total	0
B. Ground Water Pollutants - (35) Points Maximum			
There is a probability that irrigation water containing salt, pesticides, and/or nutrients (or other associated chemicals) is leaching into the ground water. Treatment is needed to prevent these pollutants from contaminating ground water, through leaching and direct return flow into wells. Points to be awarded based on depth to the water table, or elimination of any direct discharge to ground water (regardless of depth to water table).			
Depth to Water Table	Points	Bench	After
1 - 10 Ft or elimination of any direct discharge into ground water. (Highest)	35	0	
10 - 50 Ft.	25	0	
50 -100 Ft.	15	0	
>100 Ft. (Lowest)	5	0	
B. Ground Water		Total	0

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3. Selected Conservation Practices - (Total Maximum Points 100)

Any practice used in the ranking criteria and intended to be included in the conservation plan of operations must be cost-shared or have an incentive payment. Higher priority (value) should be given to those practices which address multiple resource concerns, are cost effective, and have longer life spans. Use the Quality Criteria in the FOTG to establish the practices that have an impact on the identified resource concern.	Potential Points	Percent of need to be installed.	Points
Soil (Erosion), Water (Quality, Quantity), Air (Quality), Plants (Health), Animals (Habitat)			
Resource Concerns: Soil- Both wind and water erosion, Water- inadequate qualities and quantities, Air- inadequate air quality, Plants- composition, health and vigor, Animals- Forage quality and quantity			
550 Range Planting for center pivot corners	10		
442 Irrigation system (Drip Tape)	10		
442 Irrigation system Sprinkler (LESA)	20		
442 Irrigation system Sprinkler (LEPA)*	40		
442 Chemigation Valve	10		
442 Flow Meter	20		
430 Irrigation water conveyance, Pipeline	10		
436 Irrigation storage reservoir (no. and ac-ft)	10		
3. Selected Conservation Practices	Total		

4. Other Considerations - (Total Maximum Points 30)

Below are some suggested, not required, criteria. If there are other criteria the D.C. wants to recommend based on LWG advice, please include them here.	Potential Points	Bench	After Points
A. At risk species are in the area and the contract will enhance habitat for the species.	10	0	
B. Treatment of this land could have a beneficial impact on a 303d listed stream segment.	20	0	
C. Treatment of this land could enhance the benefits of an active sec. 319 project.	N/A	0	
D. This land is within a proposed sec. 319 project.	N/A	0	
4. Other Considerations	Total	0	

Points Earned (After minus Benchmark): Sec. 1 _____ Sec. 2 _____ Sec. 3 _____ Sec. 4 _____ Total _____

Designated Conservationist

Date