

New Mexico- (Datil Field Office)
FY 2004 Ranking Criteria Worksheet - Irrigated Cropland

Applicant _____ Farm No. _____ Tract No. _____ CMS Field No's. _____ Date _____
 Tribal Land _____ Non-Tribal Land _____ Preliminary Rating _____ Final Rating _____

1. Water Quantity - Potential Points - 60 (30%)

Irrigation Efficiency - Use FIRS to evaluate. Benchmark & After points equal actual % efficiency times .6 mutlipier. Total equals after minus benchmark pts.			Potential Points	Benchmark Points	After Points
% Efficiency	% of Area in Contract before Treatment	% of Area in Contract After Treatment			
1. Water Quantity			Total		

2. Water Quality - Potential Points - 40 (20%)

A. Surface Water Pollutants - (20) 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	Potential Pts	Bnchmk Pts	After Pts
<100 Ft.	20	0	
101 - 500 Ft.	15	0	
501 - 1,320 Ft.	10	0	
1,320 - 2,640 Ft.	5	0	
>2,640 Ft.	0	0	
A. Surface Water	Total		

B. Ground Water Pollutants - (20) 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 the water table).

Depth to Water Table	Potential Pts	Benchmark Pts	After Pts
1 - 10 Ft or elimination of any direct discharge into ground water.	20	0	
10 - 50 Ft.	15	0	
50 -100 Ft.	10	0	
>100 Ft.	5	0	
B. Ground Water	Total		
2. Water Quality			

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3. Selected Conservation Practice(s) - Potential Points - 80 (40%)

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			
Irrigated Induced			
Irrigated land Landleveling (464)	5		
Terraces (600)	2		
Wind Erosion			
Windbreak/shelterbelt (380)	1		
Water Quality/Quantity			
Water Management for Irrigated Land			
Concrete ditch (428) or Irrigation pipeline (430EE)	18		
Irrigated Land Leveling(464)	18		
Earthen field ditch (388)	9		
Structure for water control (587)	15		
Pond (378)/Irrigation Reservoir (552)	1		
Filter Strip (393)/Field Border (386)	1		
Air			
Air Temperature, Air Movement & Humidity			
Windbreak/shelterbelt (380)	1		
Filter Strip (393)/Field Border (386)	1		
Plants			
Establishment, Growth & Harvest			
Hayland/Pasture Planting(512)	2		
Animals			
Cover or Shelter			
Terraces (600)	1		
Windbreak/shelterbelt (380)	1		
Filter Strip (393)/Field Border (386)	1		
Pond (378)/Irrigation Reservoir (552)	1		
Food			
Hayland/Pasture Planting (512)	2		
3. Selected Conservation Practices	Total		

4. Other Considerations - Potential Points - 20 (10%)

Items A thru D are required. If there are other criteria the D.C. wants to recommend based on LWG advice, please include it as item E.	Potential Points	Bnchmrk Pts	After Points
A. At risk species habitat will be enhanced. (List the species impacted.)	5	0	
B. Treatment of this land could have a beneficial impact on a 303d listed stream segment.	5	0	
C. Treatment of this land could enhance the benefits of an active/planned sec. 309 project.	5	0	
D. The land is within a NMED designated Category 1 watershed.	5	0	
4. Other Considerations	Total		

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

Designated Conservationist _____

Date _____