

**New Mexico- Tucumcari Field Office
FY 2004 Ranking Criteria Worksheet - Irrigated Cropland**

Applicant: _____ Date: _____ Total Points: _____
 Farm No.: _____ Tract No.: _____ CMS Field No's: _____

1. Water Quantity - 100 Potential Points (21% of Total)

Irrigation Efficiency - Use FIRS to Evaluate. Benchmark & After points equal actual % efficiency. Ranking Score equals After minus Benchmark.			Benchmark Points	After Points
% Efficiency	Before	After		
	% of Area in Contract before Treatment	% of Area in Contract After Treatment		
Total			Total	

2. Water Quality - 110 Potential Points (23% of Total)

A. Surface Water Pollutants - 55 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 runoff to Live Water	Points	Benchmark	After
<100 Ft.	55		
101 - 500 Ft.	40		
501 - 1,320 Ft.	30		
1,320 - 2,640 Ft.	20		
>2,640 Ft.			
A. Surface Water Total			

B. Ground Water Pollutants - 55 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

Depth to Water Table	Points	Benchmark	After
1 - 10 Ft or elimination of any direct discharge into ground water.	55		
10 - 50 Ft.	35		
50 -100 Ft.	20		
>100 Ft.			
B. Ground Water Total			

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3. Selected Conservation Practice(s) - 220 Potential Points (45% of Total)

	Potential Points	Percent of Need to be Installed	Points
Soil Erosion: Wind			
Range and Pasture Planting (550), (512)	15		
Windbreak/Shelterbelt Establishment (380)	5		
Field Borders (Buffer Strip) (386)	5		
Water Quality: Pesticides & Nutrients in Groundwater			
Chemigation Valve/Backflow Valve (442)	35		
Water Quantity: Inefficient Use on Irrigated Lands			
Irrigation Water Conveyance, Ditch & canal lining (428), Pipeline (430)	25		
Flowmeter (587)	30		
Computer Panels (442)	30		
Drip Tape/LEPA (442)	50		
LESA (442)	40		
Air Quality: Undesirable Air Movement			
Windbreak/Shelterbelt Establishment (380)	5		
Animal Wildlife: Inadequate Cover/Shelter			
Range and Pasture Planting (550), (512) single species	8		
Range and Pasture Planting (550), (512) w/multiple species with shrubs	12		
3. Selected Conservation Practices	Total		

4. Other Considerations - 55 Potential Points (11% of Total)

	Potential Points	Benchmark Points	After Points
A. At risk species are in the area and the contract will enhance habitat for the species.	15		
B. Treatment of this land could have a beneficial impact on a 303d listed stream segment.	10		
C. Treatment of this land could enhance the benefits of an active/planned section 309 project	N/A		
D. The land is within a NMED designated Category I watershed.	N/A		
E. Proposed contracted area will be treated to eradicate and/or prevent infestation of Class A, Class B, and/or Class C noxious weeds, as designated by NMDA.	30		
4. Other Considerations	Total		

I understand that if I accept points for LEPA: I will only apply water in the spray mode during Germination or Chemigation. If I plant row crops, I will be required to farm in a circle and apply water in every or every other furrow.

Note: In the event of a tie, contracts will be awarded to applicants which have greater points in Sect. 1.

Total Points (After minus Benchmark):

Sec 1 _____

Sec 2 _____

Sec 3 _____

Sec 4 _____

Worksheet Total _____

 Producer

 Date

 Designated Conservationist

 Date