

**New Mexico- Tukumcari Field Office  
FY 2003 Ranking Criteria Worksheet - Irrigated Cropland**

Applicant: \_\_\_\_\_ Date: \_\_\_\_\_ Total Points: **0**  
 Farm No.: \_\_\_\_\_ Tract No.: \_\_\_\_\_ CMS Field No's. \_\_\_\_\_

**1. Water Quantity - 165 Potential Points (30% of Total)**

Irrigation Efficiency - Use FIRS to Evaluate			Potential Points	Benchmark Points	After Points
% Efficiency	% of Area in Contract before Treatment	% of Area in Contract After Treatment			
1-20%			0		
21-30%			25		
31-40%			50		
41-50%			75		
51-60%			100		
61-70%			125		
71-80%			145		
>80%			165		
<b>1. Water Quantity</b>			<b>Total</b>		<b>0</b>

**2. Water Quality - 110 Potential Points (20% 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		After
<100 Ft.	55		
101 - 500 Ft.	40		
501 - 1,320 Ft.	30		
1,320 - 2,640 Ft.	20		
>2,640 Ft.	0		
<b>A. Surface Water</b>		<b>Total</b>	<b>0</b>

**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

Depth to Water Table	Points		After
1 - 10 Ft or elimination of any direct discharge into ground water.	55		
10 - 50 Ft.	35		
50 -100 Ft.	20		
>100 Ft.	0		
<b>B. Ground Water</b>		<b>Total</b>	<b>0</b>

**3. Selected Conservation Practice(s) - 220 Potential Points (40% of Total)**

	Potential Points		Points
<b>Soil Erosion</b>			
Range Planting (550)	15		
Windbreak/Shelterbelt Establishment (380)	5		
Field Borders (Buffer Strip) (386)	5		
<b>Water Quality</b>			
Chemigation Valve (442)	35		
<b>Water Quantity</b>			
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		
<b>Air Quality</b>			
Windbreak/Shelterbelt Establishment (380)	5		
<b>Animals</b>			
Range Planting (550), multiple species with shrubs	20		
<b>3. Selected Conservation Practices</b>	<b>Total</b>		<b>0</b>

**4. Other Considerations - 55 Potential Points (10% of Total)**

	Potential Points		After Points
A. At risk species are in the area and the contract will enhance habitat for the species.	30		
B. Treatment of this land could have a beneficial impact on a 303d listed stream segment.	25		
C. Treatment of this land could enhance the benefits of an active sec. 319 project.	N/A		
D. This land is within a proposed sec. 319 project.	N/A		
<b>4. Other Considerations</b>	<b>Total</b>		<b>0</b>

\_\_\_\_\_  
Producer

\_\_\_\_\_  
Date

\_\_\_\_\_  
Designated Conservationist

\_\_\_\_\_  
Date