

**New Mexico- Clovis Field Office**  
**FY 2004 Ranking Criteria Worksheet - Irrigated Cropland**  
**Ground and Surface Water**

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

**1. Water Quantity 130 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 Treatment	After			
1-20%				0		
21-30%				70		
31-40%				80		
41-50%				90		
51-60%				100		
61-70%				110		
71-80%				120		
>80%				130		
<b>1. Water Quantity</b>				<b>Total</b>		<b>0</b>

**2. Water Quality - 85 Potential Points (20% of Total)**

**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 runoff to Live Water	Points		After
<100 Ft.	40		
101 - 500 Ft.	30		
501 - 1,320 Ft.	20		
1,320 - 2,640 Ft.	10		
>2,640 Ft.	0		
<b>A. Surface Water</b>		<b>Total</b>	<b>0</b>

**B. Ground Water Pollutants - 45 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.	45		
10 - 50 Ft.	35		
50 -100 Ft.	25		
>100 Ft.	0		
<b>B. Ground Water</b>		<b>Total</b>	<b>0</b>

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**3. Selected Conservation Practice(s) 170 Potential Points (40% of Total)**

	Potential Points		Points
<b>Soil: Erosion</b>			
Range Planting (550)	5		
Field Borders (Buffer Strip) (386)	5		
<b>Water: Quality</b>			
Chemigation Valve (442)	15		
<b>Water: Quantity</b>			
Irrigation Water Conveyance, Pipeline (430-EE)	15		
Flowmeter (587)	15		
Computer Panels (442)	15		
Drip Tape/LEPA (442)	40		
Irrigation Water Management, Convert to permanent vegetation 2 gpm/ac. Incentive Payment of \$100/acre	170**		
Irrigation Water Management, Convert to Dryland Farming 3 gpm/ac. Incentive Payment of \$50/acre.	160**		
Irrigation Water Management, Net Water Savings in Acre Inches Per acre 4gpm/ac. Incentive Payment of \$8 acre inches saved, not to exceed 12 acre inches.	45		
LESA (442)	20		
<b>Air: Quality</b>			
<b>Animals: Habitat</b>			
Range Planting (550), multiple species with shrubs	10		
<b>3. Selected Conservation Practices</b>	<b>Total</b>		<b>0</b>

**4. Other Considerations -43 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.	20		
1. Lesser Prairie Chicken--certified active lek site within 2 miles of tract.			
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 sec. 319 project.	8		
D. This land is within a proposed sec. 319 project.	5		
<b>** Ties will be determined by water saved - total GPM of wells/number of wells.</b>			
<b>4. Other Considerations</b>	<b>Total</b>		<b>0</b>

Land eligibility - Acres considered for incentive payment must have been irrigated 2 of the last 3 years (based on FSA certification). Wells will be metered by NRCS personnel to determine production.

\_\_\_\_\_  
 Producer Date

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