

# NM EQIP FY 2004 Ranking Criteria Worksheet - Irrigated Cropland - Albuquerque F.O.

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

## 1. Water Quantity - 125 Potential Points (25% of Total)

Irrigation Efficiency - Use FIRS to evaluate. Benchmark & After points equal actual % efficiency times 1.25. Total equals after minus benchmark pts.			Potential Points	Benchmark Points	After Points
Field Number	Irrigation Efficiency before Treatment	Irrigation Efficiency After Treatment			
			125		
<b>1. Water Quantity</b>			<b>Total:*</b>		

\*If no change occurs above - DO NOT CONTINUE TO RANK! Total score is Zero.

## 2. Water Quality - 125 Potential Points (25% of Total)

A. Surface Water Pollutants - 60 Maximum Points			
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 the field to the nearest live waters or re-entry point into a shared system. If there is no run-off, after points will be 0.			
Distance of Surface Run-Off to Live Water	Potential Points	Benchmark Points	After Points
<100 Feet	60	0	
101 - 500 Ft.	50	0	
501 - 1,320 Ft.	40	0	
1,321 - 2,640 Ft.	20	0	
>2,640 Feet	0	0	
A. Surface Water		<b>Total</b>	0
B. Ground Water Pollutants - 65 Maximum Points			
There is a probability that irrigation water containing salt, pesticides, and/or other 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/or direct flow into wells. Points will 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 Points	Benchmark Points	After Points
1 - 10 Ft or elimination of any direct discharge into ground water.	65	0	
10 - 50 Ft.	40	0	
50 -100 Ft.	20	0	
>100 Ft.	0	0	
B. Ground Water			
<b>2. Water Quality</b>		<b>Total</b>	

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## 3. Selected Conservation Practice(s) - 200 Potential Points (40% of Total)

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
<b>Soil Erosion (Irrigation Induced):</b>			
Irrigation Land Leveling (>100 CY/Ac) (464)	10		
<b>Water Quality (Excessive Nutrients &amp; Organics in Surface/Ground Water):</b>			
Irrigation Land Leveling (>100 CY/Ac) (464)	10		
Wellhead protection (351)	20		
<b>Water Quantity:</b>			
Irrigation Water Management - (449)	20		
Irrigation System - Drip (441)	150		
Irrigation System - Sprinkler (442)	130		
<b>Irrigation System - Surface (443):</b>			
Irrigation Pipeline (430)	50		
Concrete Ditch Lining (428)	45		
Water Control Structure (587)	10		
Earthen Ditch Improvement (320)	10		
Irrigation Land Leveling (>100 CY/Ac) (464)	30		
Tailwater Recovery (447)	20		
<b>Additional Practices that address other LWG priority resource concerns:</b>			
Pest Management (595a) for Bosque Restoration, Floodwater Diversion (400), Streambank Channel Stabilization (584)	30		
(Value at 10 points each, not to exceed a total of 30 points.)			
<b>3. Selected Conservation Practices</b>	<b>Total</b>		

## 4. Other Considerations - 45 Potential Points (Approx. 10% of Total)

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	Benchmark Points	After Points
A. At risk species habitat will be enhanced. (List the species impacted)	10	0	
B. Treatment of this land could have a beneficial impact on a 303d listed stream segment.	10	0	
C. Treatment of this land could enhance the benefits of an active/planned section 309 project.	10	0	
D. The land is within a NMED designated Category I watershed.	10	0	
E. Applicant has positive history of applying/maintaining conservation practices.	5	0	
<b>4. Other Considerations</b>	<b>Total</b>	0	

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

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

\_\_\_\_\_  
Date