

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

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

1. Water Quantity - 50 Potential Points

Irrigation Efficiency - Use FIRS to evaluate. Benchmark & After points equal actual % efficiency times any multiplier. 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	After			
1. Water Quantity				Total		

2. Water Quality - 30 Potential Points

A. Surface Water Pollutants - <u>15</u> 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 based on the ability to prevent or preventing runoff or tailwater from entering live water.			
Potential of Surface Run-Off to Live Water	Potential Points	Benchmark Points	After Points
No Field Drain Present	15	0	
Field drain Present - W/Control	7	0	
Field Drain Present	0	0	
A. Surface Water		Total	0
B. Ground Water Pollutants - <u>15</u> 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.	15	0	
10 - 50 Ft.	10	0	
50 -100 Ft.	5	0	
>100 Ft.	0	0	
B. Ground Water			
2. Water Quality		Total	

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3. Selected Conservation Practice(s) - 60 Potential Points

Any practice used in the ranking criteria and intended to be included in the conservation schedule 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. Select resource concerns from NM Quality Criteria Guide.	Potential Points	Percent of Need to be Installed	After Points
Water Quality - Excessive Nutrients and Organics and/or Pesticides in Ground Water or Surface Water			
Land Leveling-464	5		
Concrete Ditch-428A or Irrigation Pipeline-430EE	8		
Earthen Field Ditch-388	3		
Structure for Water Control-587	2		
Drip (Trickle) system and/or Components-441	8		
Water Quantity - Inefficient Water Use on Irrigated Land			
Irrigation Land Leveling-464	5		
Concrete Ditch-428A or Irrigation Pipeline-430EE	10		
Structure for Water Control-587	2		
Drip (Trickle) system and/or Components-441	8		
Earthen Field Ditch-388	3		
Plants - Productivity, Health and Vigor			
Land Leveling-464 or Conc. Ditch-428A or Irrig. Pipeline-430EE or Drip (Trickle) System-441	3		
Domestic Animals - Inadequate Stock Water			
Livestock Water System Practices-614, 516, etc.	2		
Fish and Wildlife - Inadequate Cover/Shelter and/or Inadequate Water			
Tree & Shrub establishment-612 or Pond-378 or Wetland, etc Development-657	1		
3. Selected Conservation Practices	Total		

4. Other Considerations - 20 Potential Points

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)	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 section 309 proj	5	0	
D. The land is within a NMED designated Category I watershed.	5	0	
4. Other Considerations	Total	0	

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

Designated Conservationist

Date