

New Mexico- (Socorro FO)
FY 2003 Ranking Criteria Worksheet - Irrigated Cropland

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

1. Water Quantity - 50 Potential Points

Irrigation Efficiency - Use FIRS to Evaluate			Potential Points(50 max)	Benchmark Points	After Points
Field & acres	Present Efficiency from FIRS	Future Efficiency from FIRS			
	Weighted Ave _____	Weighted Average _____			
1. Water Quantity			Total		

2. Water Quality - 30 Potential Points

A. Surface Water Pollutants - 15 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 the ability to prevent or preventing runoff or tailwater from entering live water.

Potential of Surface Run-Off to Live Water	Points	Benchmark	After
Field Drain Present - No control	0		
Field Drain Present - W/Control	7		
No Field Drain Present	15		
After Pts. _____ - Benchmark Pts. _____ is _____			
A. Surface Water	Total		

B. Ground Water Pollutants - 15 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 (regardless of depth to water table).

Depth to Water Table	Points	Benchmark	After
0 - 4 feet	15	0	
>4 feet to 6 feet	7	0	
>6 feet	0	0	
B. Ground Water	Total	0	

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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 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
Soil Erosion -----			
Windbreak/Shelterbelt-380-----	1		
Water Quality :----- 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 :-----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		
Air -----			
Windbreak/Shelterbelt-380-----	1		
Plants			
Land Leveling-464 or Conc. Ditch-428A or Irrig. Pipeline-430EE or Trickle Irrig-441	3		
Animals			
Tree & Shrub Establishment-612 or Pond-378 or Wetland Development-657	1		
3. Selected Conservation Practices	Total		

4. Other Considerations - 10 Potential Points

Below are some suggested, not required, criteria. If there are other criteria the D.C. wants to recommend based on LWG advice, please include them here.	Potential Points	Benchmark	After Points
A. At risk species are in the area and the contract will enhance habitat for the species.	20	0	
4. Other Considerations	Total	0	

 Designated Conservationist

 Date