

New Mexico- (Deming Field Office) 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 - Potential Points (160*)

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			
1-100%			160		
* Allocate 2 points per percent change to the nearest tenth					
1. Water Quantity			Total		

2. Water Quality - Potential Points (20)

A. Surface Water Pollutants - (10) 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 Run-Off to Live Water	Points	Benchmark	After
<100 Ft.	10	0	
101 - 500 Ft.	8	0	
501 - 1,320 Ft.	6	0	
1,320 - 2,640 Ft.	4	0	
>2,640 Ft.	0	0	
A. Surface Water		Total	0

B. Ground Water Pollutants - (10) 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	Benchmark	After
1 - 10 Ft or elimination of any direct discharge into ground water.	10	0	
10 - 50 Ft.	8	0	
50 -100 Ft.	6	0	
>100 Ft.	4	0	
B. Ground Water		Total	0

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3. Selected Conservation Practice(s) - Potential Points (26)

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			
Irrigation System - Trickle (441)	4		
Irrigation System - Sprinkler (442)	4		
Irrigation Land Landleveling (464)	2		
Any other applicable practices not listed above	1ea (max 2)		
Water Quality			
Irrigation System - Trickle (441)	4		
Irrigation System - Sprinkler (442)	4		
Irrigation Water Conveyance - Pipeline (430)	3		
Irrigation Land Leveling(464)	3		
Irrigation Water Conveyance - Ditch Lining (428a)	2		
Any other applicable practices not listed above	1ea (max 2)		
Water Quantity			
Irrigation System - Trickle (441)	4		
Irrigation System - Sprinkler, LEPA or LESA (442)	3		
Irrigation System - Sprinkler, Solid Set (442)	3		
Irrigation Land Leveling (464)	2		
Irrigation Water Conveyance - Pipeline (430)	2		
Irrigation Water Conveyance - Ditch Lining (428)	1		
Any other applicable practices not listed above	1ea (max 2)		
Air			
Irrigation System - Trickle (441)	3		
Irrigation System - Sprinkler, LEPA or LESA (442)	4		
Irrigation System - Sprinkler, Solid Set (442)	4		
Irrigation System - Surface (443)	3		
Plants			
Irrigation System - Trickle (441)	4		
Irrigation System - Sprinkler, LEPA or LESA (442)	3		
Irrigation System - Sprinkler, Solid Set (442)	3		
Irrigation Land Leveling (464)	2		
Irrigation Water Conveyance - Pipeline (430)	1		
Irrigation Water Conveyance - Ditch Lining (428)	1		
Animals			
3. Selected Conservation Practices		Total	

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4. Other Considerations - 10 Potential Points

	Potential Points	Benchmark	Points After
A. At risk species are in the area and the contract will enhance habitat for the species.	5	0	
B. Proposed contract area will be treated to eradicate infestation of Class A and/or Class B noxious weeds as designated by NMDA	5	0	
4. Other Considerations Total	Total	0	

Applicant

Date

Designated Conservationist

Date