

## Instructions for Completing the Ranking Worksheet

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### 1. Insert Producer Name and Date of Ranking

Note: Some "Example" figures have been inserted to show how to enter the figures - be sure to clear the values in those cells.

2. Choose "Yes" or "No" from the drop down box indicating that the producer eligibility has been checked and the producer is eligible or is not eligible. If the Producer is not eligible do not continue with the Ranking Worksheet.

3. Limited Resource and Beginning Farmer. If the producer is a Limited Resource or Beginning Farmer choose "Yes" from the drop down list, if not choose "No". Limited Resource and Beginning Farmers are eligible for 65% cost share in this ranking.

4. Screening. Proceed to Section B and insert the Irrigation System Efficiency of the producers project BEFORE the proposed project has been installed and AFTER the proposed system is installed. The worksheet will **automatically** check the appropriate "Priority" box. If the efficiency change (B) is greater than 34% it will be the "High" priority box. If the efficiency change (B) is between 15% and 34% it will be the "Medium" priority box. If the efficiency change (B) is less than 15% it will be the "Low" priority box.

If the Priority is "HIGH" **continue** with the ranking worksheet. If the Priority is "Medium" or "Low", complete the ranking but **do not SUBMIT** the ranking worksheet until notified by NRCS Utah Assistant State Conservationist for Programs that the "Medium" or "Low" priority worksheets are to be submitted.

5. Section A. Project Cost. (a) Choose the practice being installed from the drop down list of eligible practices. (b) Enter the amount of units of that practice that will be installed. (c) Enter the cost/unit for the practice being installed. (d) In the lower area titled Management Practices - choose the Management Practices from the drop down list of practices, enter the no of acres and enter the cost/unit for the practices being applied. The cost/unit should be the annual cost multiplied by the no. of years of application. The total cost will be automatically computed (this is not the total cost share).

There may be more than one component of an irrigation system that will fit into a practice code. For additional components select the same practice code on additional lines and enter amount and cost. Hand written notes on each line (for multiple line practices) will be necessary after the Worksheet has been printed to indicate the components that have been included.

6. Section B. Enter the irrigation system efficiency from the chart into the "Before" (for the existing system) and "After" (for the proposed system). Use the Tab labeled "Irrigation Types" to determine which type of surface irrigation method to enter.

7. Long Term Environmental Enhancement (C) The points are automatically computed by subtracting the "Before" irrigation system efficiency from the "After" irrigation system efficiency. This shows the long term improvement in irrigation system efficiency.

8. Section D. Water Quality Enhancement. This section captures the effects of the improvements on local water bodies. Choose the condition that exists on the property currently and enter the "Before" (for existing condition) and then enter the "After" (for after improvements are made) number. Choose only one condition for "Before" and one condition for "After". The points are automatically computed by subtracting the "After" number from the "Before" number.

A **waterway** is defined as a perennial stream, an established drainage channel, or drainage ditch that discharges into a perennial stream.

**Runoff leaves the property and enters waterway** means that the runoff from the field enters a "Waterway" within 1320 feet of the end of the field.

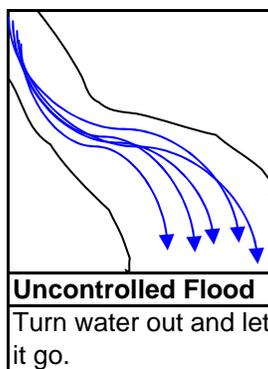
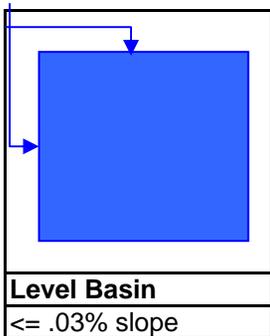
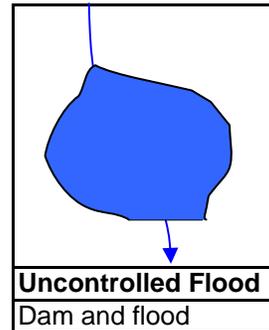
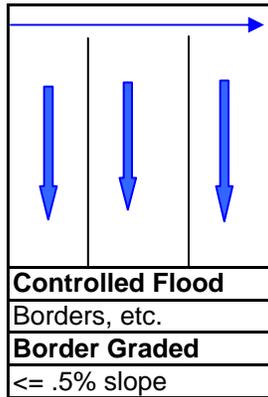
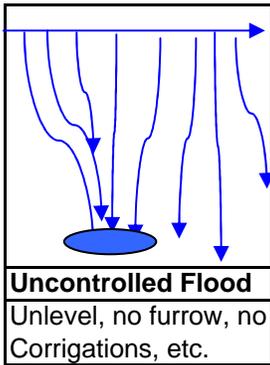
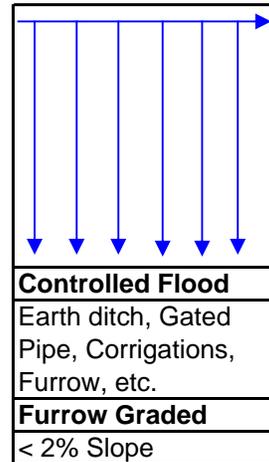
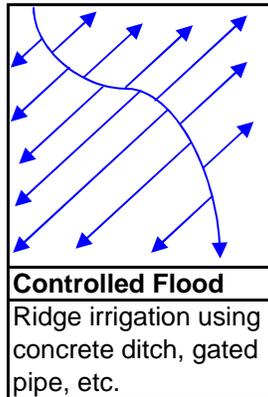
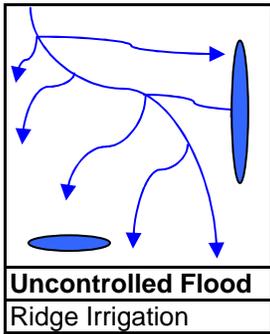
9. Section E. Soil Moisture Enhancement. This section captures the benefits that would be obtained from implementing management practices to improve the ability of the soil to conserve moisture and an increase in the management intensity level of the producer. If one of the listed management practices will be entered in the contract **for a minimum of 3 years** Choose "Yes" otherwise choose "No" from the drop down box. The points will be automatically awarded based upon your selection. A maximum of two Management Practices will be allowed - Irrigation Water Management and ONE Residue Management Practice. **Note: Management Practices can (by EQIP rule) only receive cost share for a maximum of 3 years. If points are awarded for the management practices the practice must be in the Project Cost practice list in Section A for 3 years.**

The "Total Points" are computed by adding the points from A, C, D, and E.

The "Total Cost Share" needed for this application is computed by multiplying the "Total Cost" from Section A by the cost share rate (50%, or 65% for Limited Resource and Beginning Farmers).

## FLOOD IRRIGATION METHODS

Use your professional judgment to choose the picture/description below, that best matches the type of irrigation method in the field.



### **Practice Code, Name & Units**

329A - Residue Management - No Till or Strip Till (ac.)  
329B - Residue Management - Mulch Till (ac.)  
329C - Residue Management - Ridge Till (ac.)  
344 - Residue Management - Seasonal (ac.)  
428 - Irrigation Water Conveyance, Ditch & Canal Lining (ft.)  
428A - Nonreinforced Concrete  
428B - Flexible Membrane  
428C - Galvanized Steel  
430 - Irrigation System, Pipeline  
430AA - Alum. Tubing  
430CC - Nonreinforced Concrete  
430DD - High Pressure Underground Plastic  
430EE - Low Pressure Underground Plastic  
430FF - Steel  
430GG - Reinforced Plastic Mortar  
430HH - Rigid Gated Pipe  
436 - Irrigation Storage Reservoir  
441 - Irrigation System, Microirrigation (no. & ac.)  
442 - Irrigation System, Sprinkler (no. & ac.)  
443 - Irrigation System, Surface & Subsurface (no. & ac.)  
447 - Irrigation System, Tailwater Recovery (no.)  
449 - Irrigation Water Management  
464 - Irrigation Land Leveling (ac.)  
521 - Pond Lining  
533 - Pumping Plant for Water Control  
552A - Irrigation Pit  
552B - Regulating Reservoir  
587 - Structure for Water Control

Total Cost (\$/Ac)	Points
0	30
25	29.95
50	29.9
75	29.8
100	29.7
150	29.5
200	29
250	28.75
300	28.25
350	27
400	25.75
450	24.5
500	23
550	21
600	18
650	15
700	12
750	9
800	6
850	4.5
900	3.25
950	2.5
975	2.25
1000	2
1100	1.2

### Cost Effectiveness Points Chart

