

Name	_____	Ident. No.	_____
Legal Desc.	_____	County	_____
Designed by	_____	Date	_____
Checked by	_____	Date	_____
Approved by	_____	Date	_____

Available Water _____ gallons per minute (gpm) = _____ cubic feet per second (cfs)

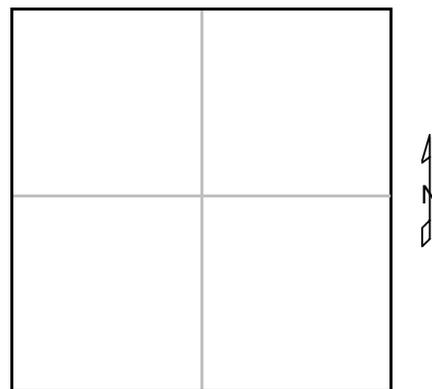
Furrow or Corrugation 1/		
Field Number		
Area (acres)		
Soils		
Irrigation Design Group		
Intake Family		
Crop		
Net Moisture Replaced (in.)		
Design Slope (%)		
Length of Run (ft.)		
Furrow Spacing (in.)		
Max. Stream (gpm)		
Unit Stream (gpm/100 ft.)		
Furrow Stream (gpm)		
Initial		
Cutback		
Reuse		
No. Rows/Set		
Initial		
Cutback		
Gross Water Used (in.)		
Field Efficiency (%)		
Time to Reach End of		
Row (hrs.) 2/		
Time Required (hrs.)		

Border or Basin 1/		
Field Number		
Area (acres)		
Soils		
Irrigation Design Group		
Intake Family		
Crop		
Net Moisture Replaced (in.)		
Design Slope (%)		
Length of Run (ft.)		
Border Width (ft.)		
Unit Stream (cfs/100 ft.)		
Q/w (cfs/ft. width) = (L x q)		
Borrow Stream (cfs or gpm)		
Flow Depth d (ft.)		
Border Height (ft.) = d + 0.2		
No. Borders per Set		
Field Efficiency (%)		
Average Time/Set (hrs.) 3/		

1/ Irrigation water management documentation notes should be recorded after the irrigation system has been applied and is in operation.

2/ It is recommended that the time not exceed 20% of the total time/set (hrs.) Surge irrigation will be required in many situations to meet this goal.

3/ Time/set (hrs.) = $\frac{0.23 \times \text{Net Application (in.)}}{\text{Eff. (\%)} \times \text{Unit Stream } q \text{ (cfs)}}$



Scale 1" = _____
Location Map