

Furrow Irrigation System Design Sheet
 Continuous Furrow Stream

SWCD _____ Field Office _____
 COOPERATOR _____ ENG. JOB CLASS _____ LOCATION _____
 PROGRAM _____ CONTRACT NO. _____ CIN _____ FIELD NO. _____
 DESIGN APPLIES TO _____ ACRES IN FIELD NO(S) . _____

BASIC DATA FROM IRRIGATION GUIDE FOR _____ MLRA

FROM	CROP GROUP	PEAK PERIOD	IRRIGATION
TABLE		USE RATE	METHOD
NO. 1	DESIGN CROP(S)	IN./DAY	
_____	_____	_____	_____
_____	_____	_____	_____

FROM	SOIL	MOISTURE	NET MOISTURE	INTAKE
TABLE	TYPE(S)	REPLACEMENT	TO BE	CURVE
NO. 2		DEPTH-FT	REPLACED	NO.
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

AVAILABLE WATER SUPPLY - CFS OR GPM * _____ ** _____
 FROM FURROW DESIGN TABLES:

	CONTINUOUS IRRIGATION			
	FLD # _____	FLD # _____	FLD # _____	FLD # _____
GRADE - %	_____	_____	_____	_____
LENGTH - FT	_____	_____	_____	_____
WIDTH - IN.	_____	_____	_____	_____
APPLIC. EFFIC. (%) - *	_____	_____	_____	_____
GROSS APPLICATION - IN	_____	_____	_____	_____
TIME OF APPLICATION - MIN	_____	_____	_____	_____
FURROW STREAM - GPM	_____	_____	_____	_____
FURROWS PER SET-NO. - *	_____	_____	_____	_____
PERCENT RUNOFF (%)	_____	_____	_____	_____
GROSS RUNOFF - (IN)	_____	_____	_____	_____
PERCENT RUNOFF RECOVERABLE (%)	_____	_____	_____	_____
RECOVERED RUNOFF (IN)	_____	_____	_____	_____
PERCENT DEEP	_____	_____	_____	_____
PERCOLATION LOSS (%)	_____	_____	_____	_____
DEEP PERCOLATION LOSS - (IN)	_____	_____	_____	_____
APPLIC. EFFIC. (%) - **	_____	_____	_____	_____
FURROWS PER SET-NO. - **	_____	_____	_____	_____
IRRIGATION INTERVAL (DAYS)	_____	_____	_____	_____

DESIGNED BY _____ DATE: _____
 APPROVED BY _____ DATE: _____
 CHECKED BY _____ DATE: _____

* - NO TAILWATER RECOVERY ** - TAILWATER RECOVERY SYSTEM CONSIDERED